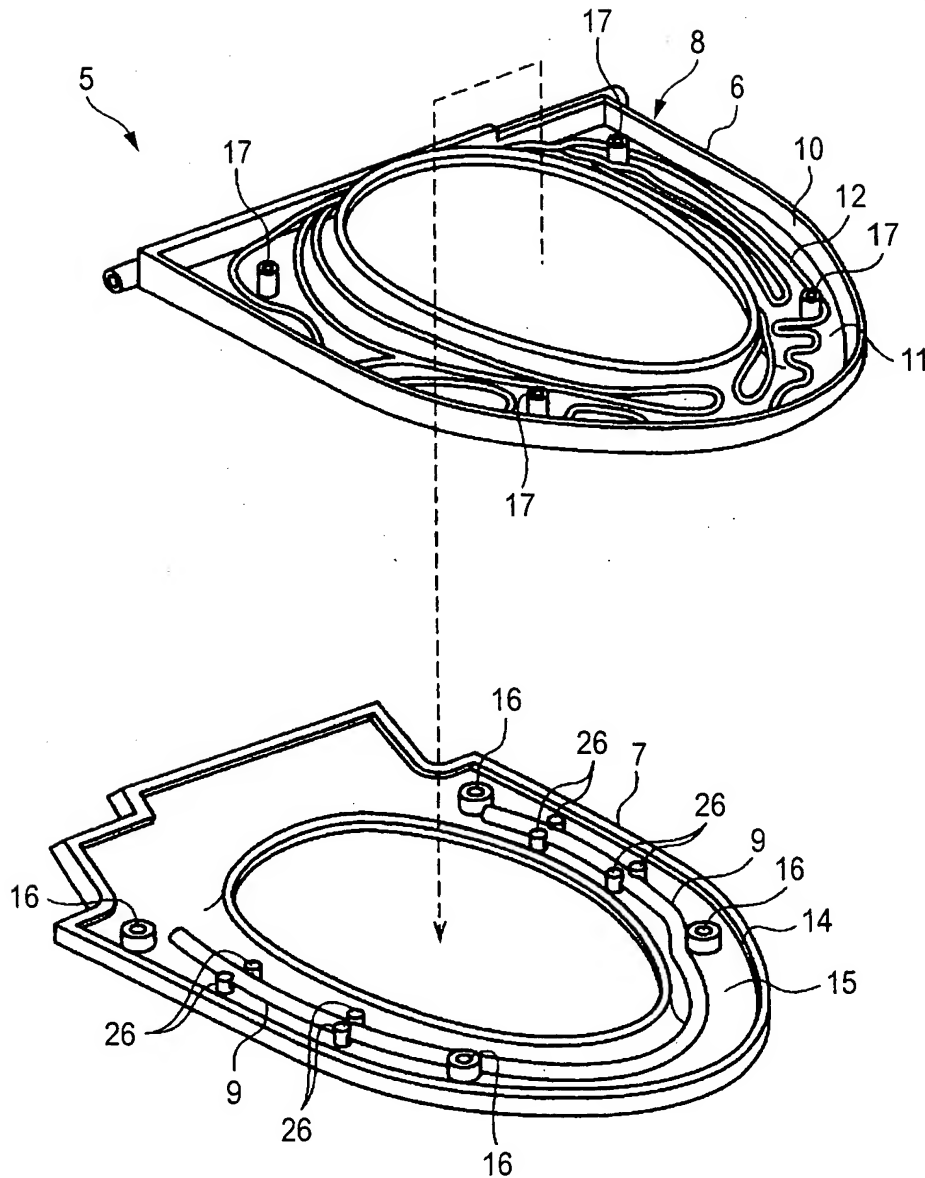


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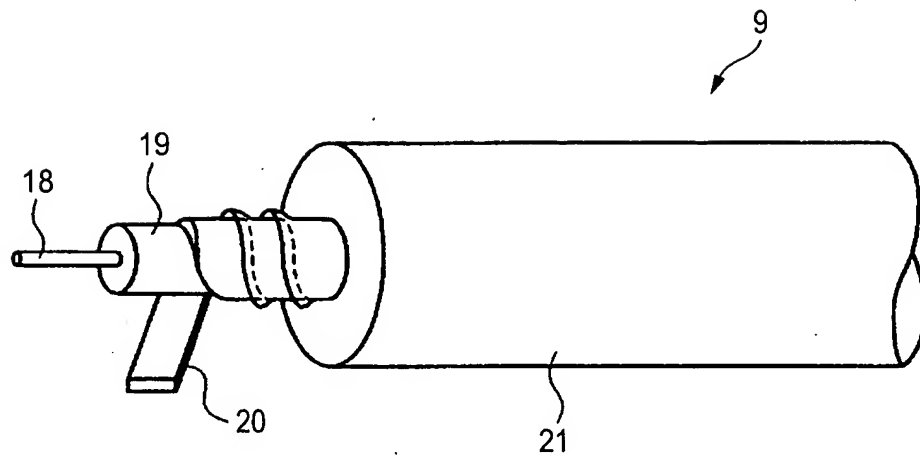
FIG. 1



- 5: TOILET SEAT APPARATUS
- 6: UPPER LID (RIGID BODY)
- 7: BASE PLATE
- 8: CASE
- 9: PIEZOELECTRIC SENSOR
(VIBRATION DETECTING SENSOR)

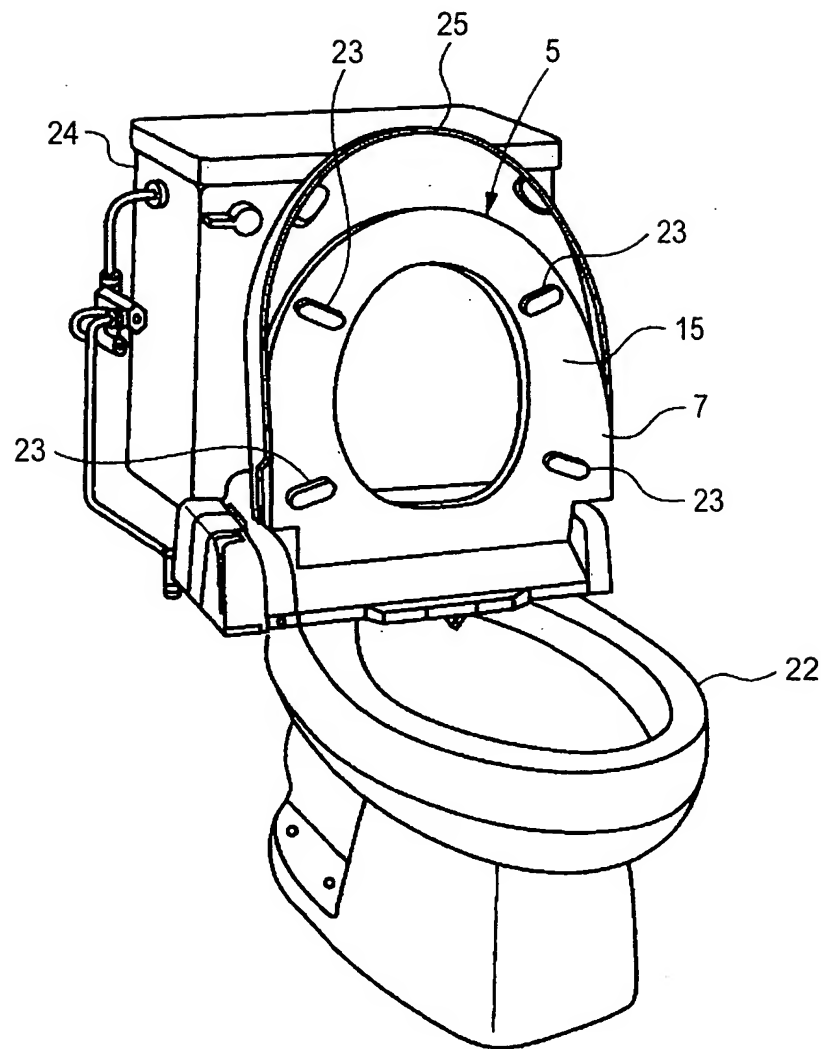
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FIG. 2



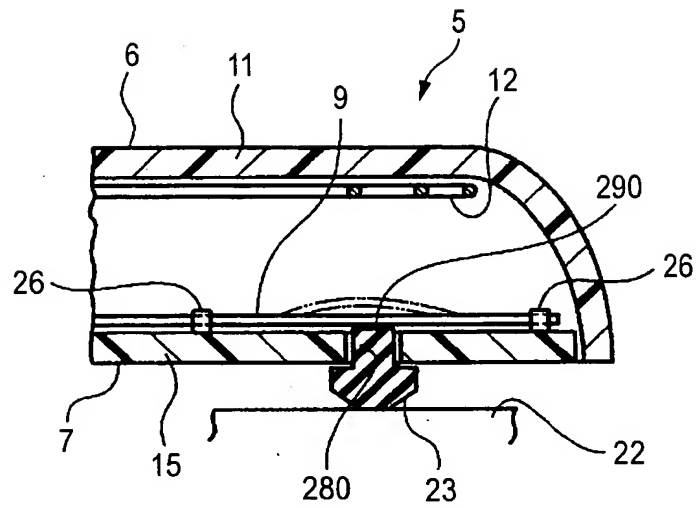
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FIG. 3



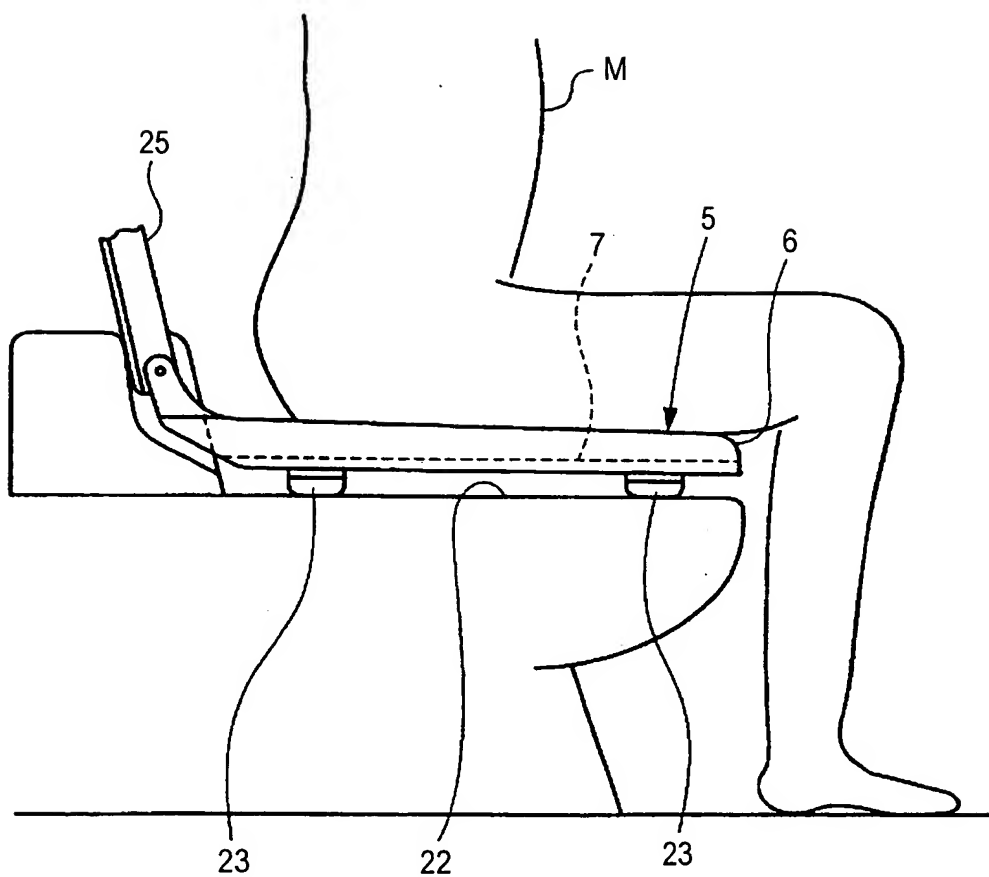
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FIG. 4



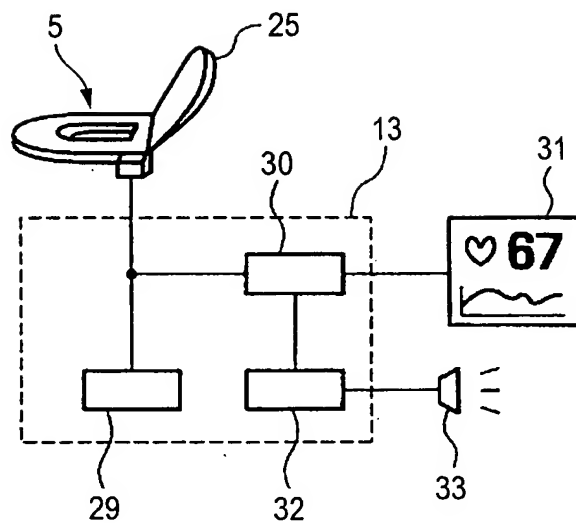
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FIG. 5



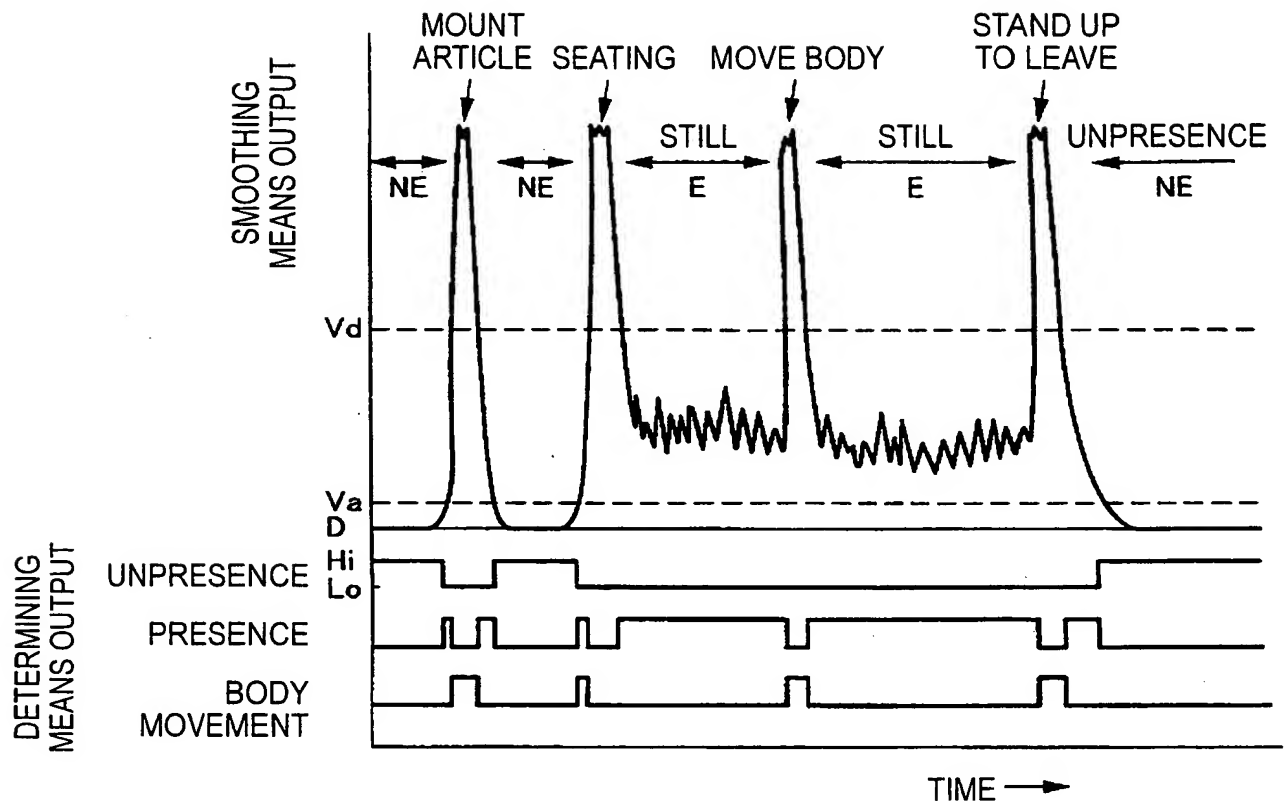
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FIG. 6



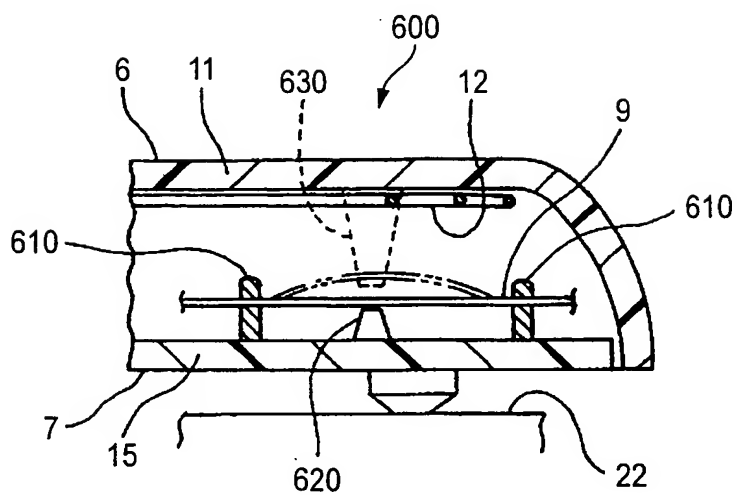
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FIG. 7



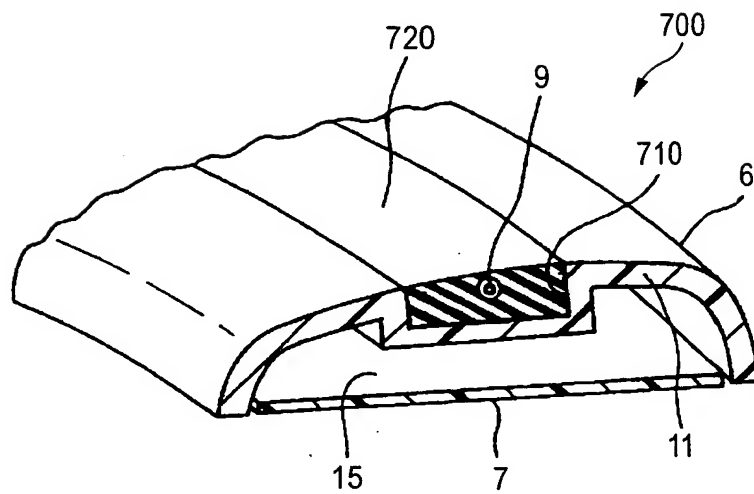
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FIG. 8



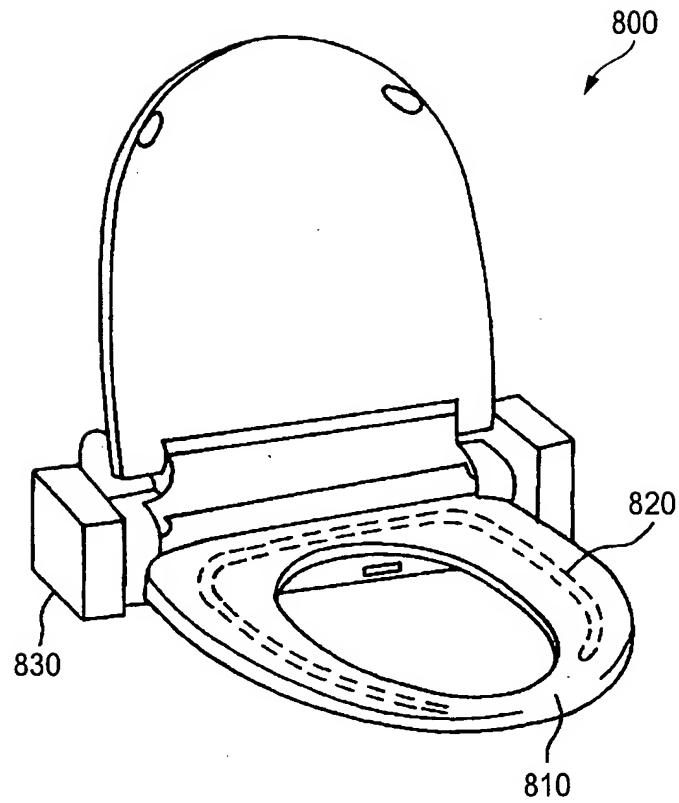
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FIG. 9

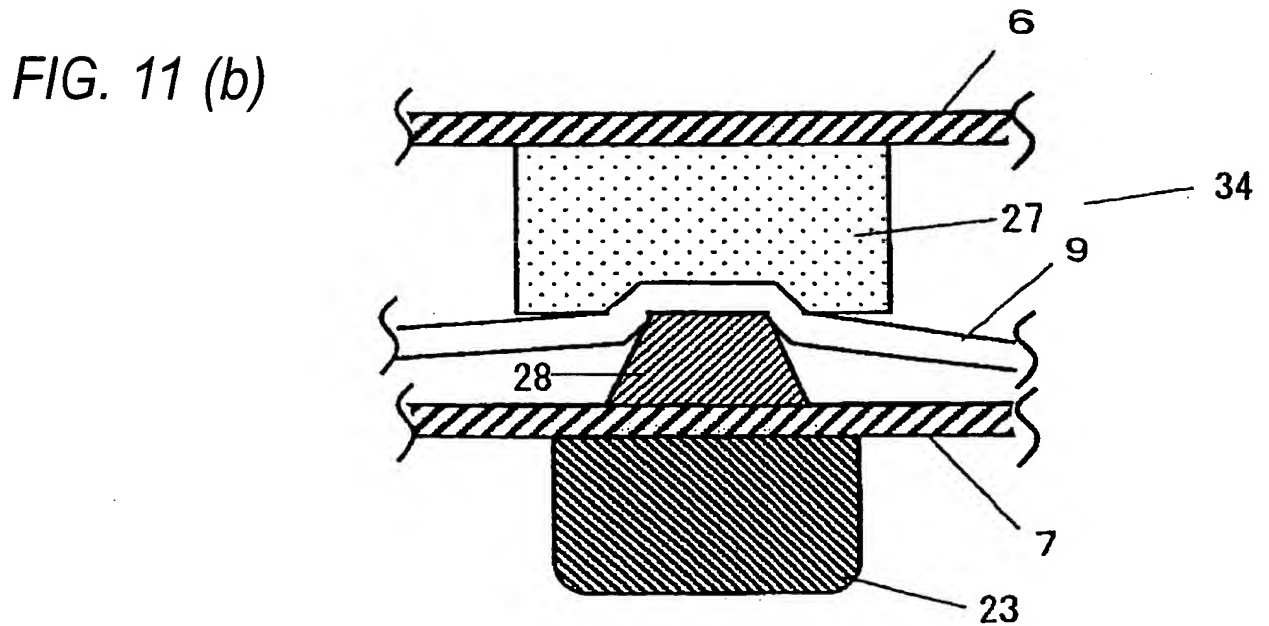
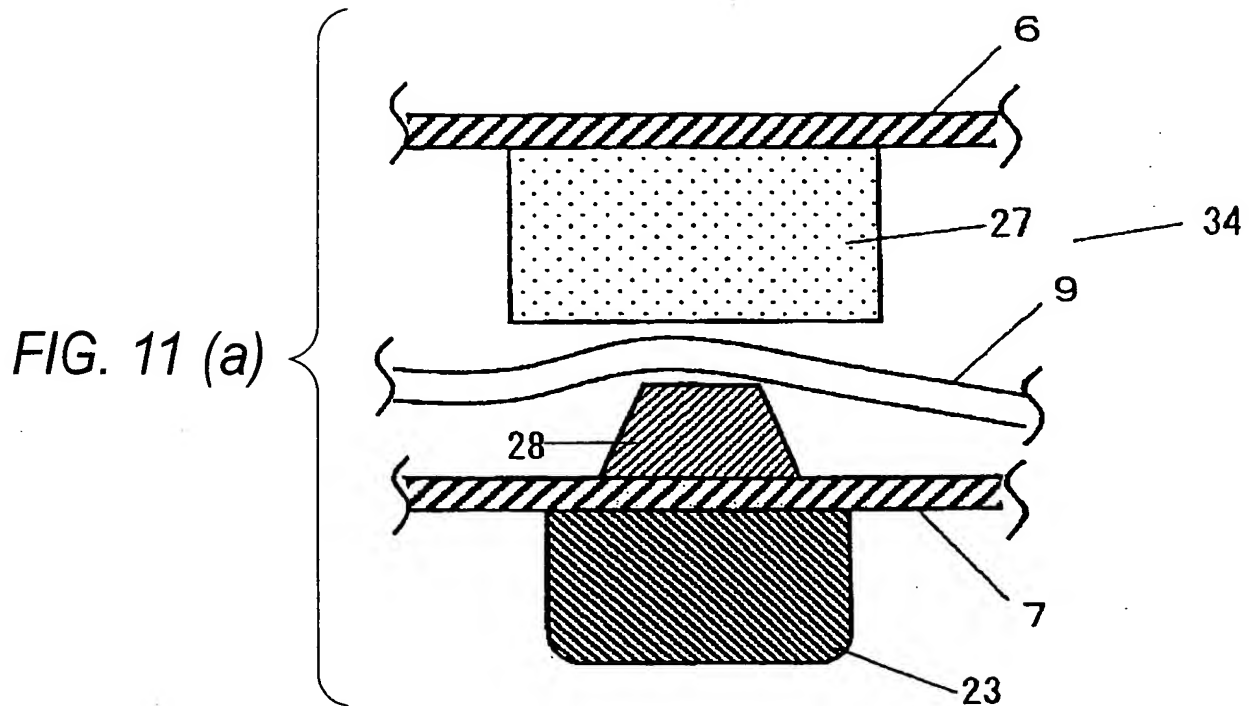


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FIG. 10

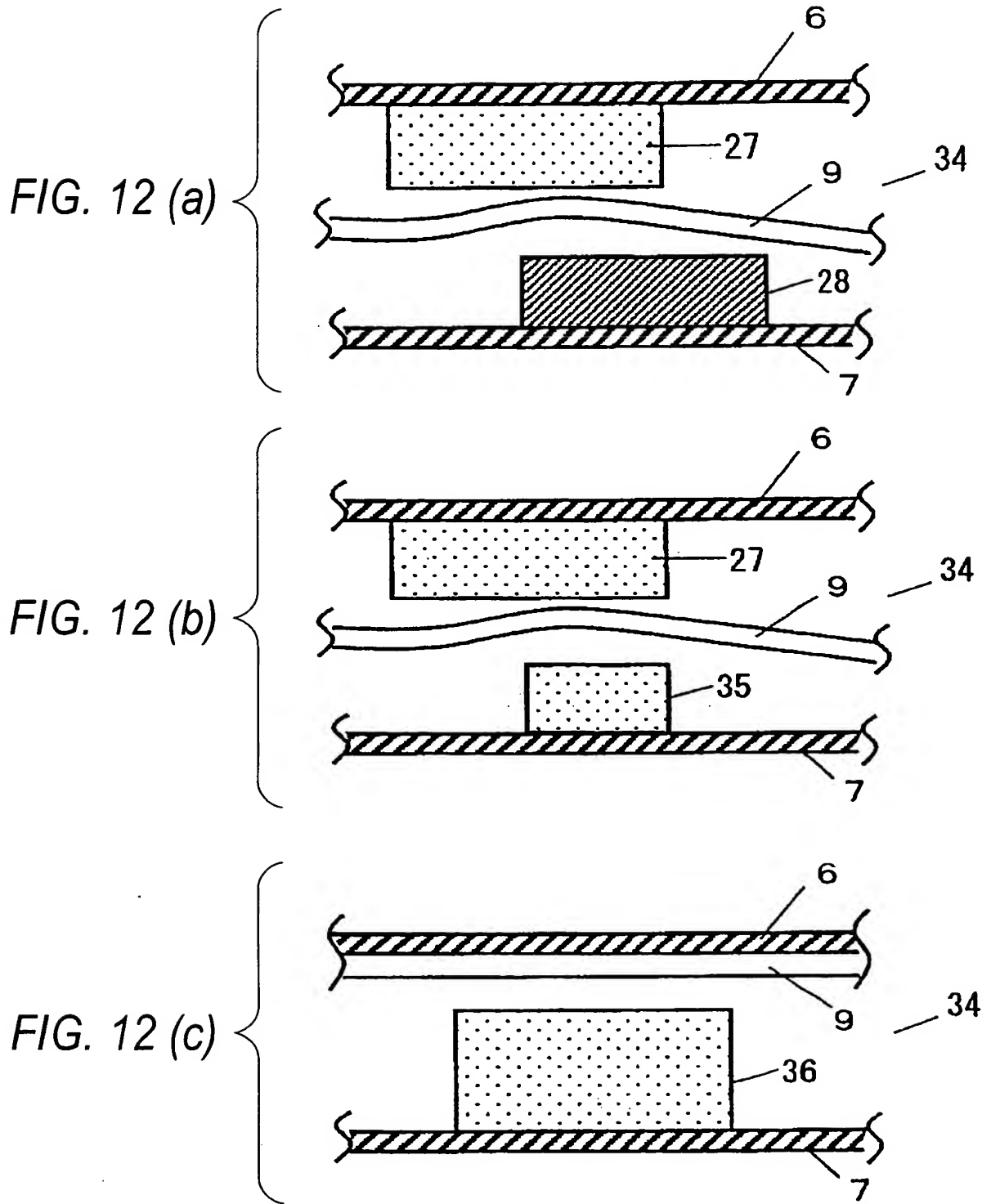


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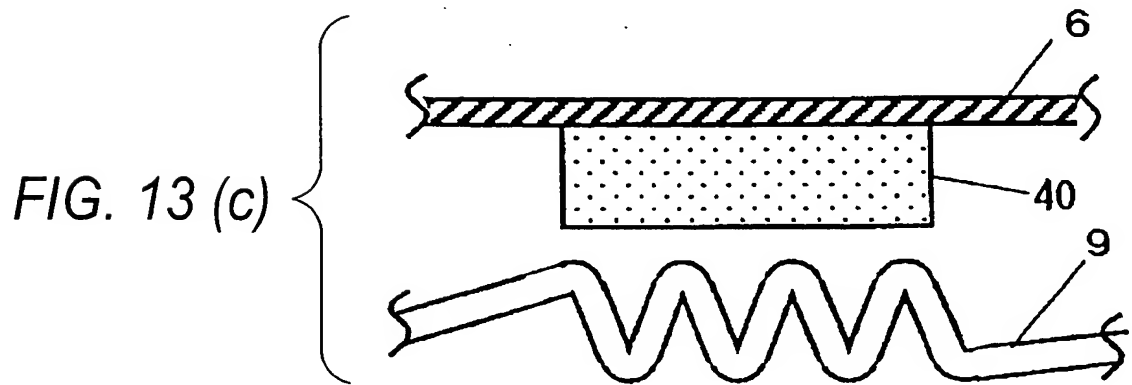
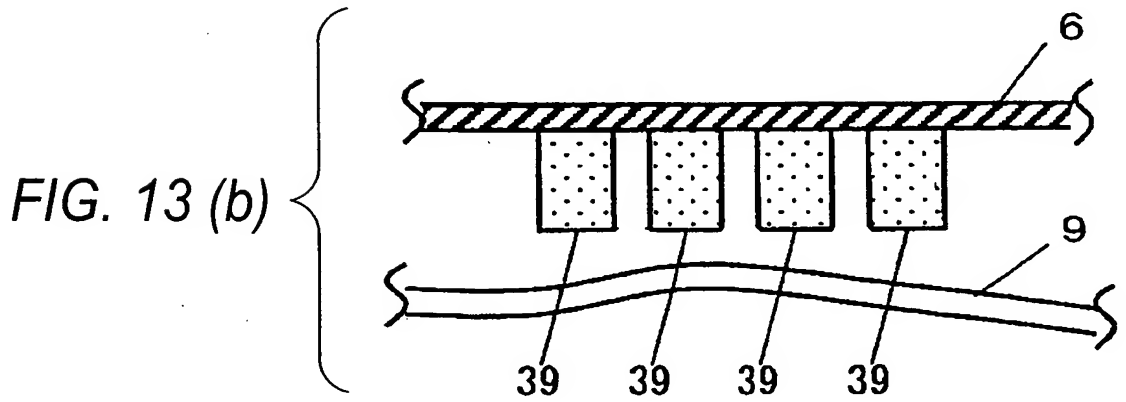
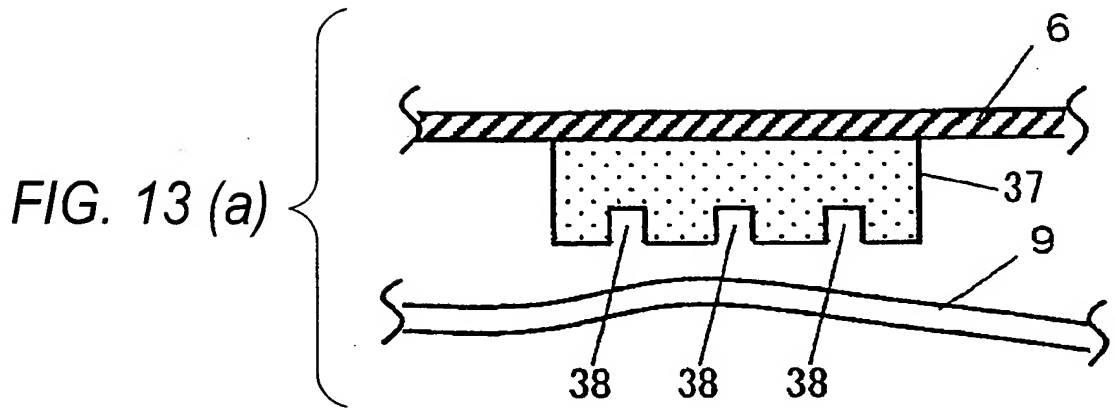
27: PRESSING MEANS (AMPLIFYING MEANS)
 28: PROJECTION (AMPLIFYING MEANS)
 34: VIBRATION DETECTING APPARATUS

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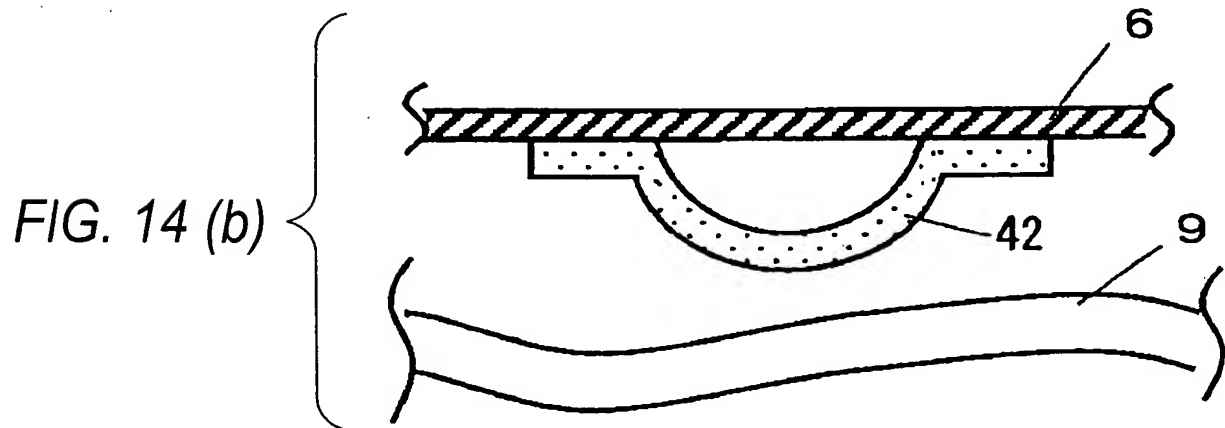
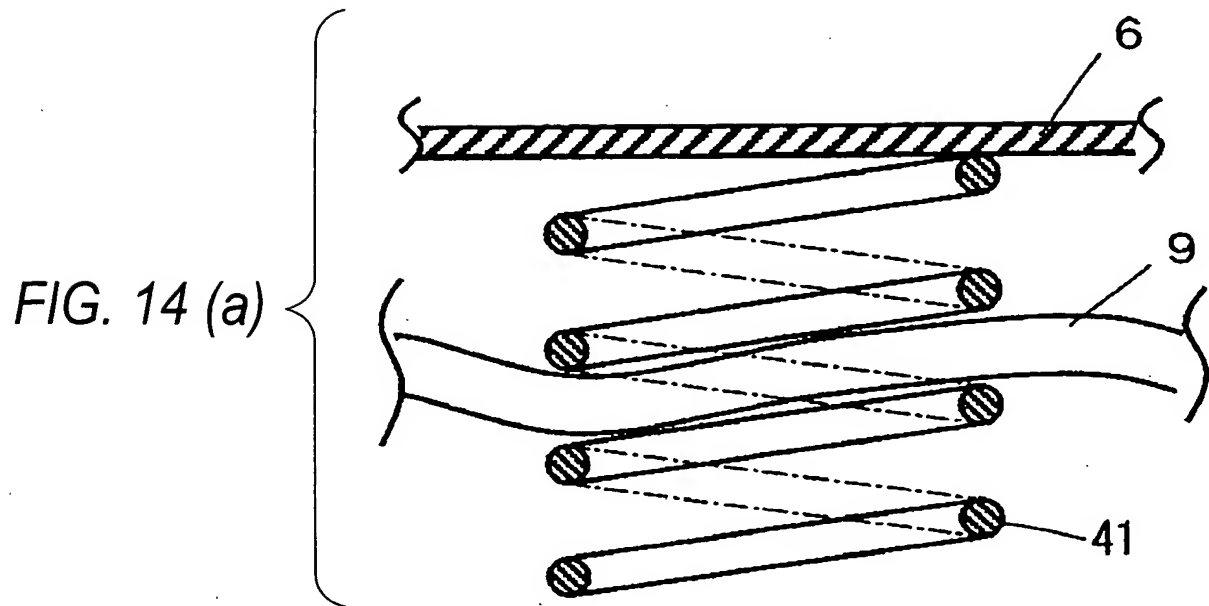
35, 36: PRESSING MEANS (AMPLIFYING MEANS)

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37, 39, 40: PRESSING MEANS (AMPLIFYING MEANS)

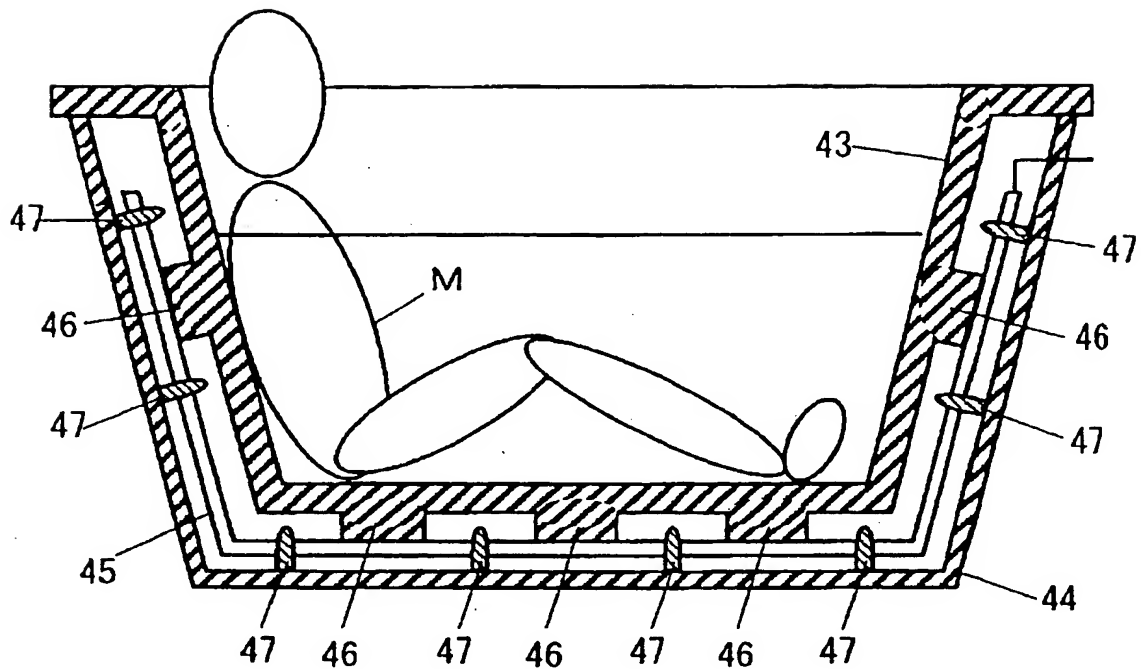
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41, 42: PRESSING MEANS (AMPLIFYING MEANS)

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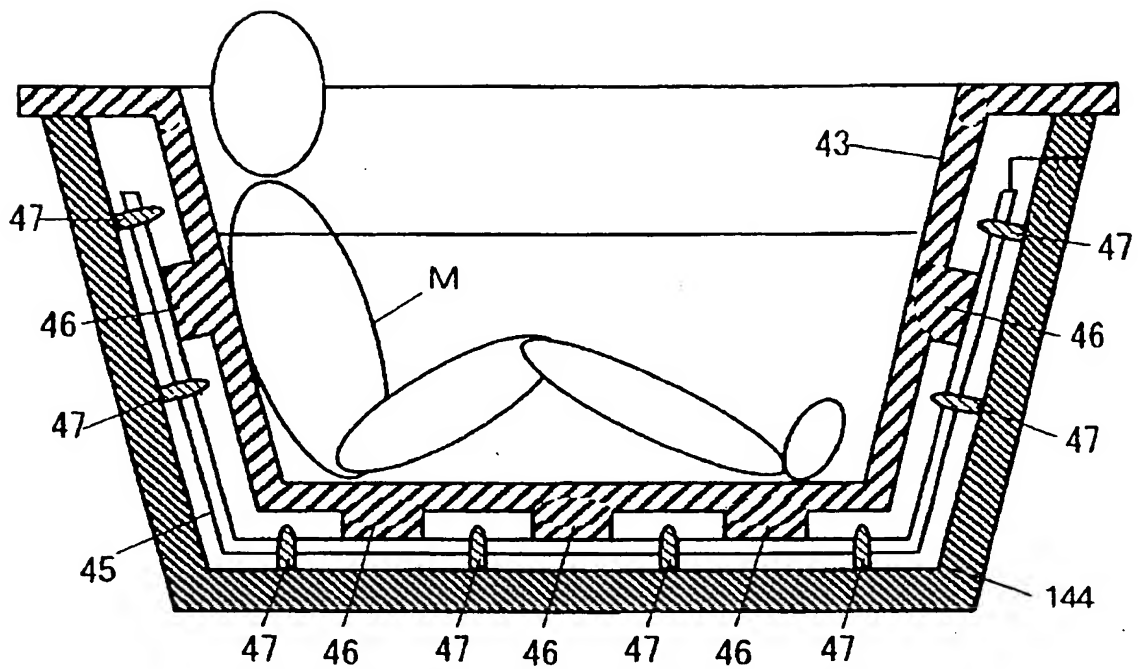
FIG. 15 (a)



- 43: BATH TUB (RIGID BODY)
- 45: PIEZOELECTRIC SENSOR (VIBRATION DETECTING SENSOR)
- 46: PROJECTION (AMPLIFYING MEANS)

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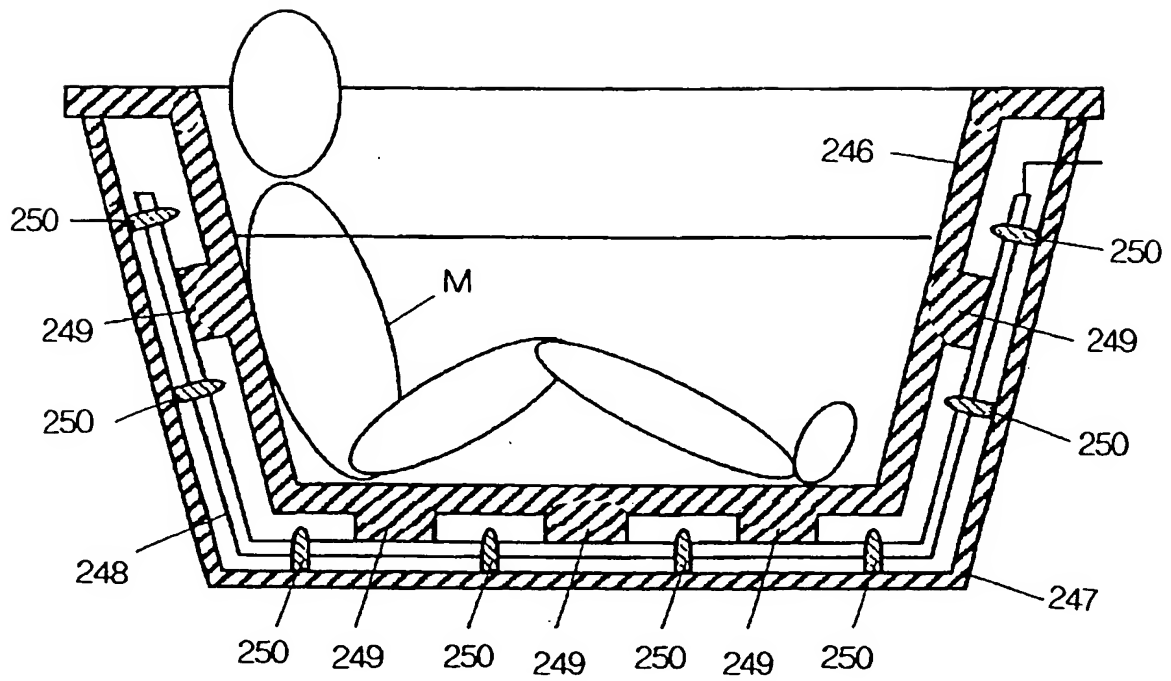
FIG. 15 (b)



- 43: BATH TUB (RIGID BODY)
144: OUTER FRAME (FIXING PORTION)
45: PIEZOELECTRIC SENSOR (VIBRATION DETECTING SENSOR)

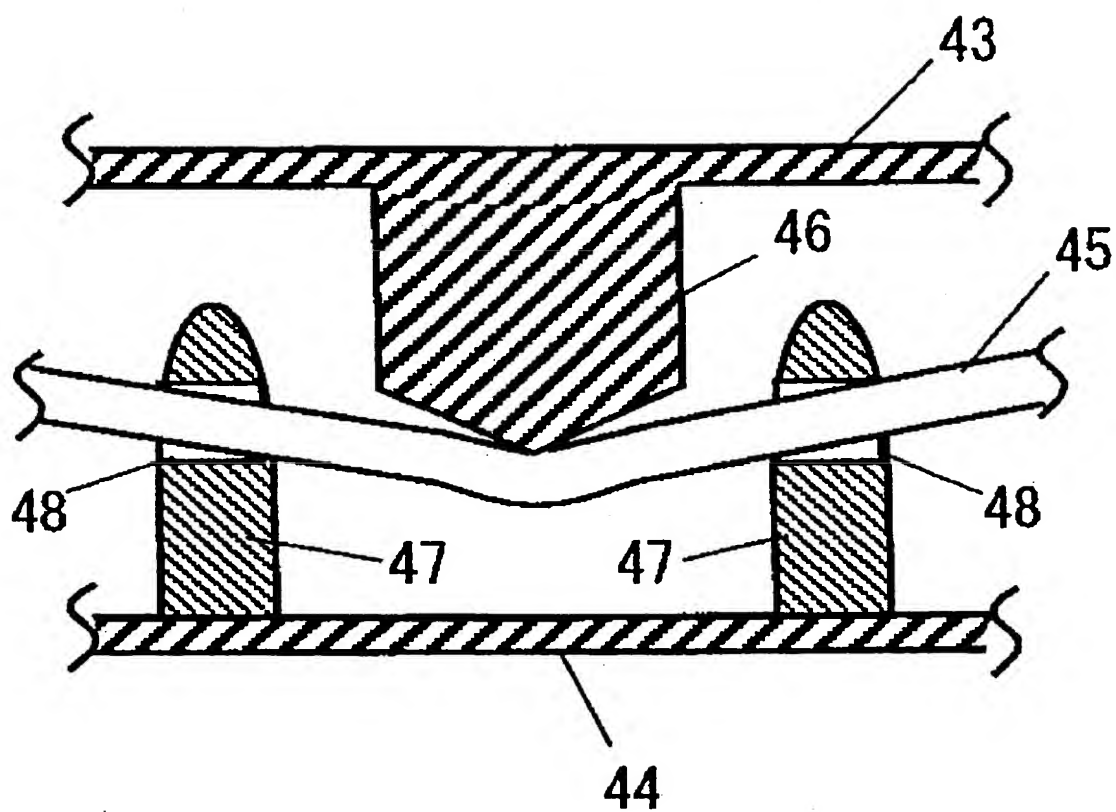
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FIG. 15 (c)



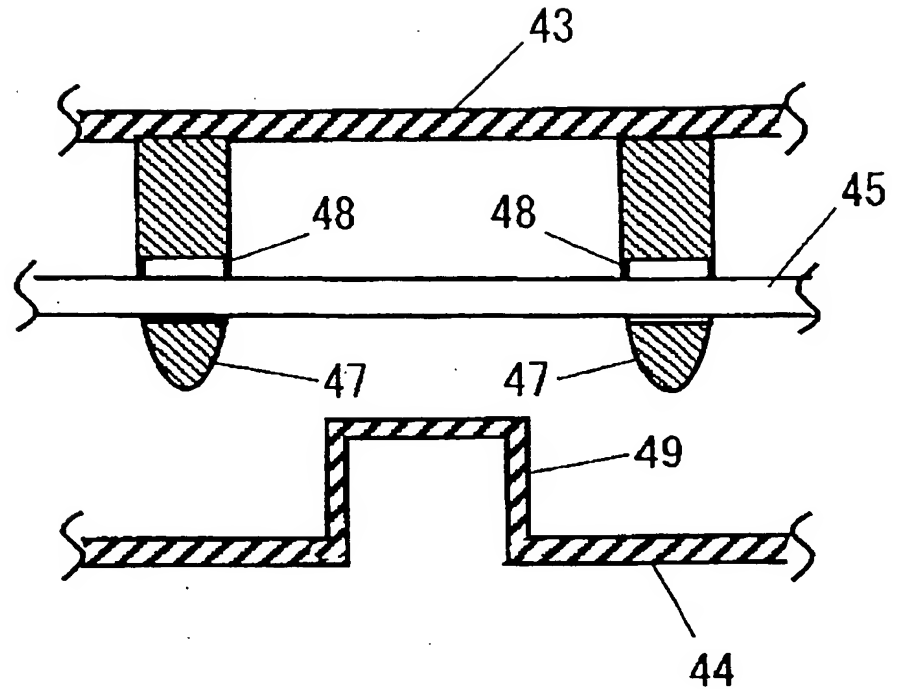
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FIG. 16



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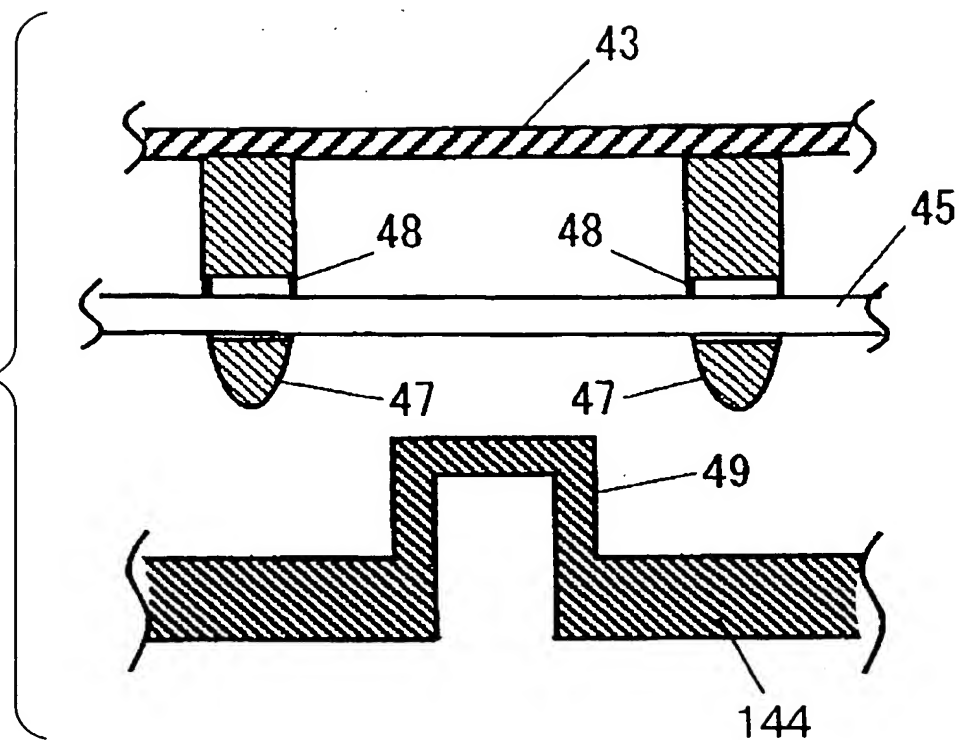
FIG. 17 (a)



49: PROJECTION (AMPLIFYING MEANS)

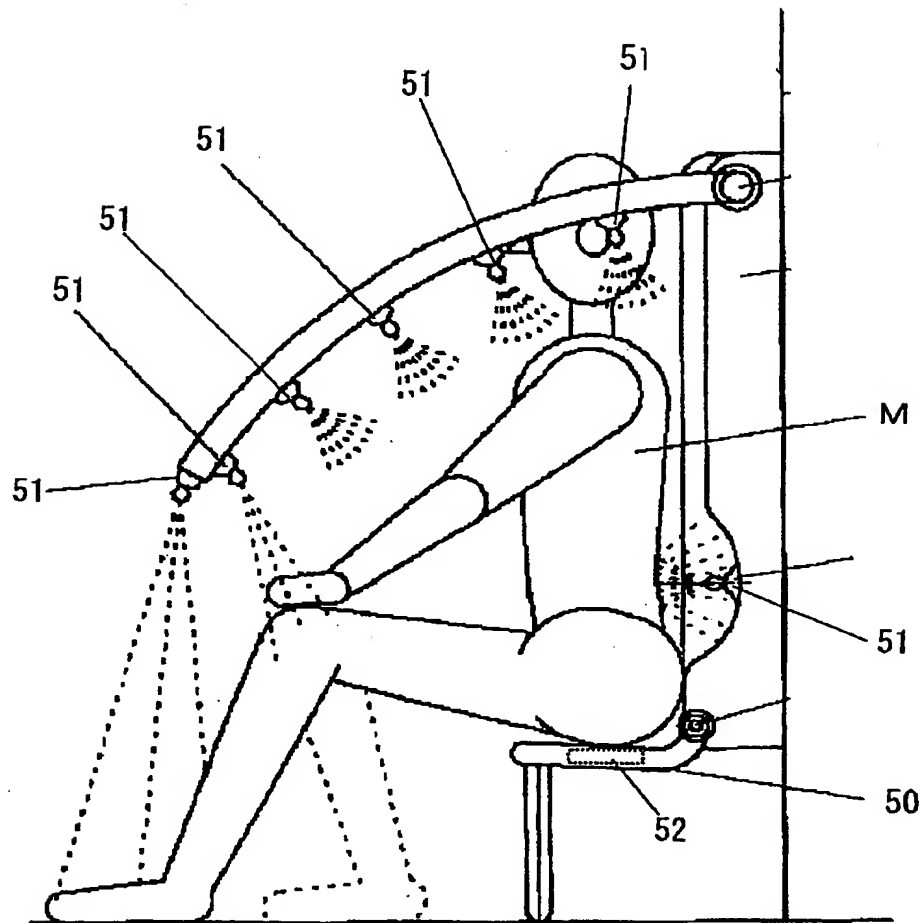
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FIG. 17 (b)



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FIG. 18 (a)

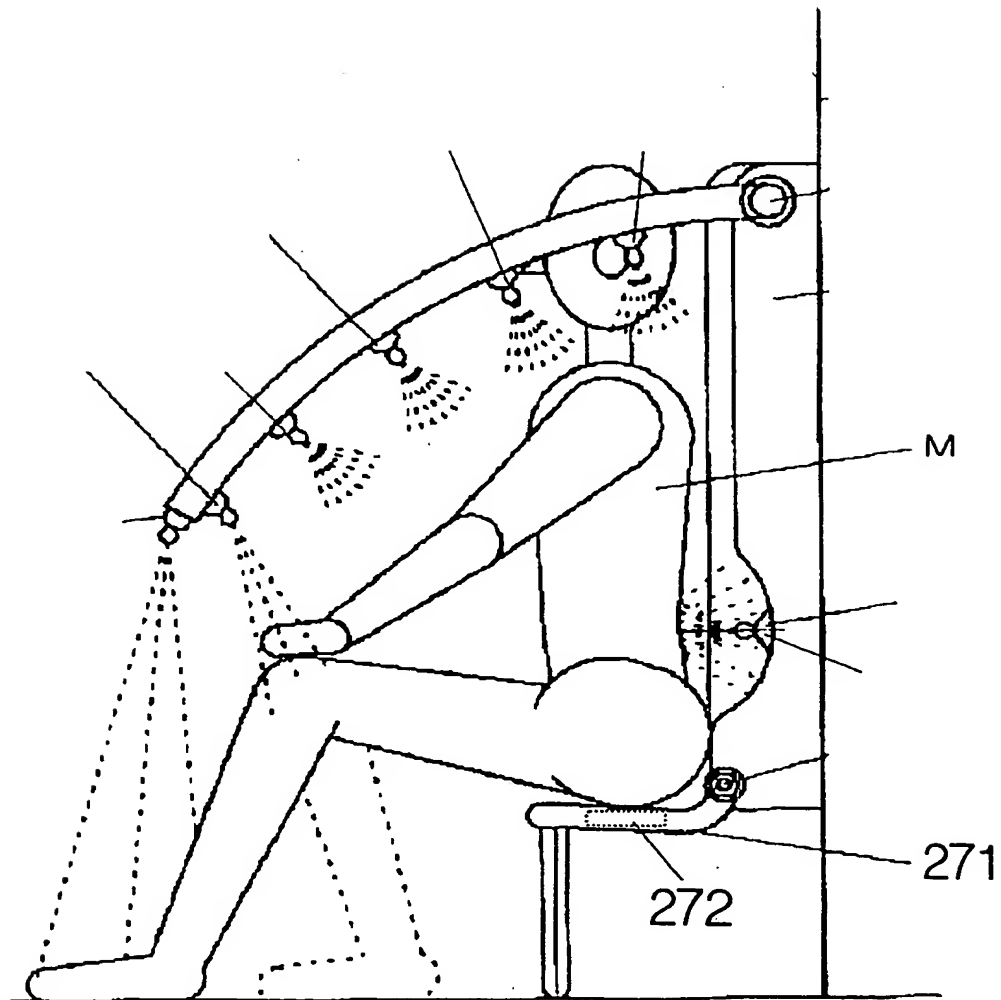


50: SEAT (RIGID BODY)
52: VIBRATION DETECTING APPARATUS

150: SEAT (RIGID BODY)
154: SUPPORT PLATE (FIXING PORTION)
156: VIBRATION DETECTING APPARATUS

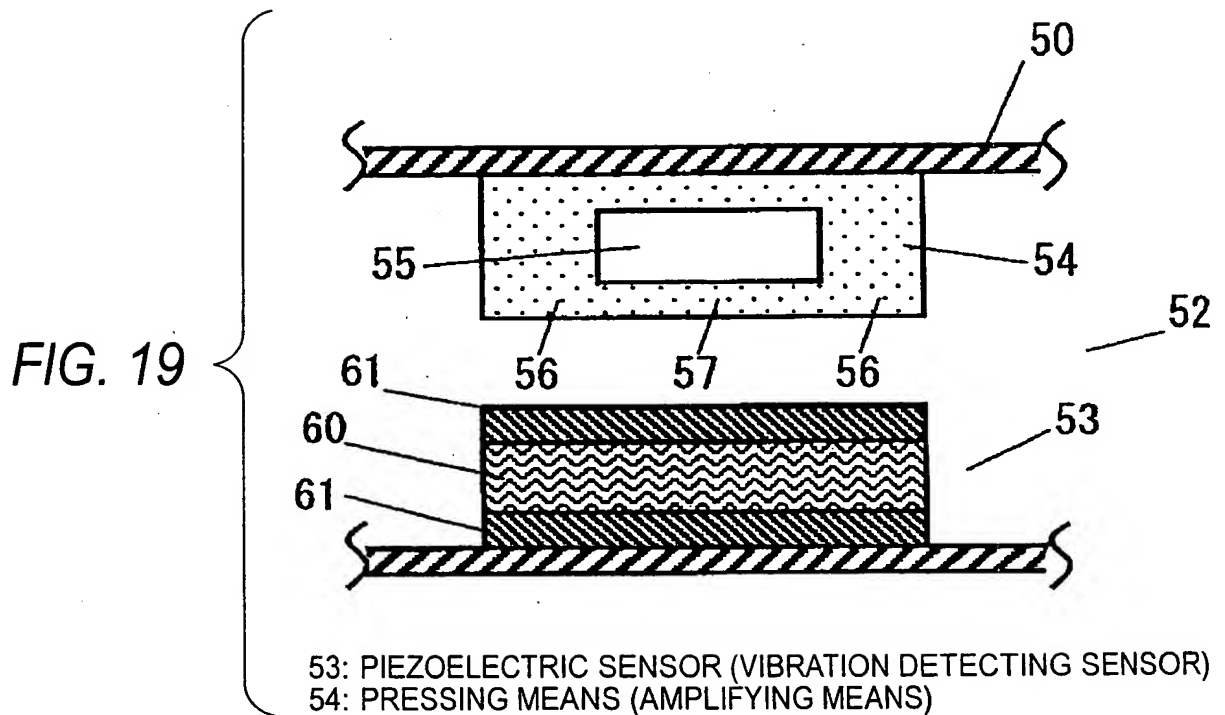
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FIG. 18 (c)

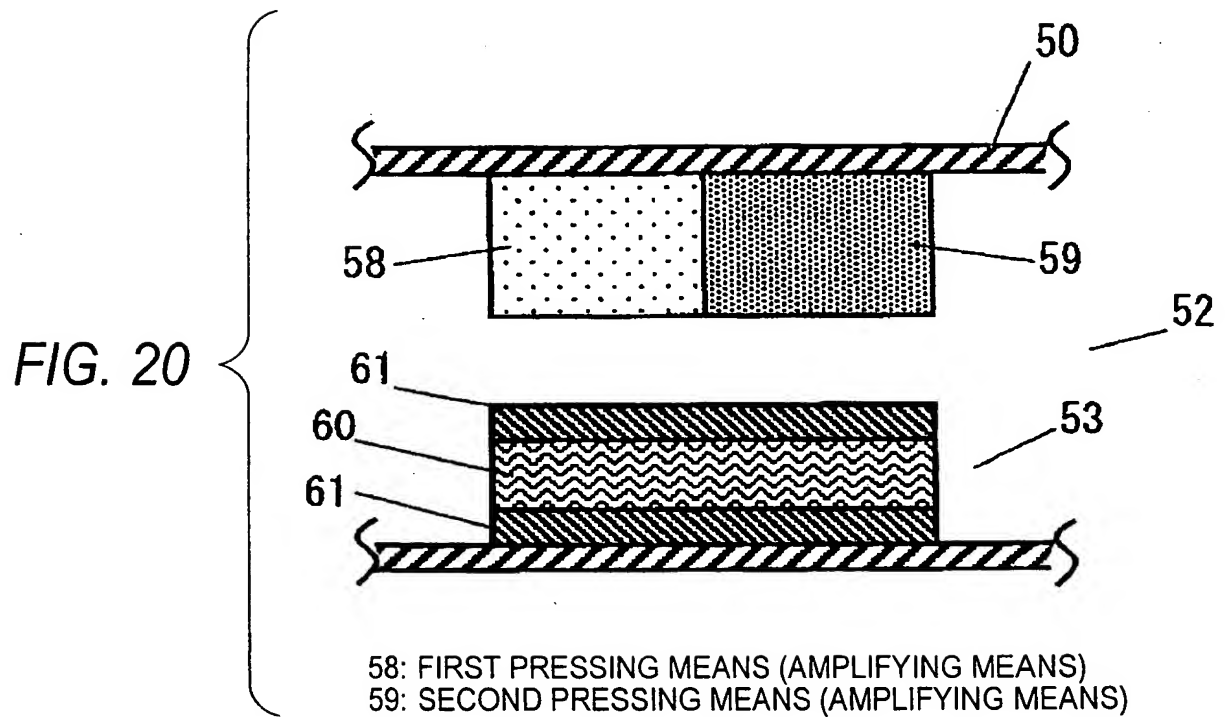


272: PIEZOELECTRIC SENSOR

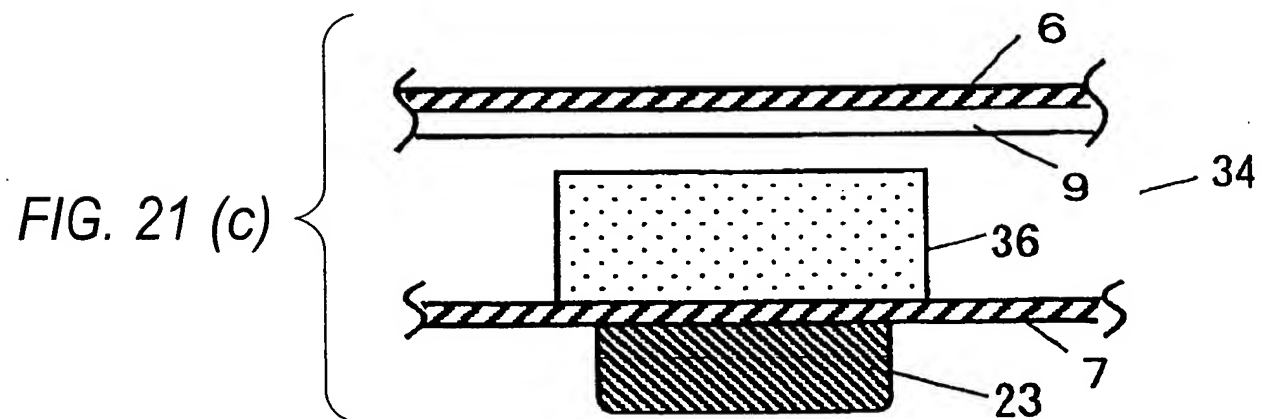
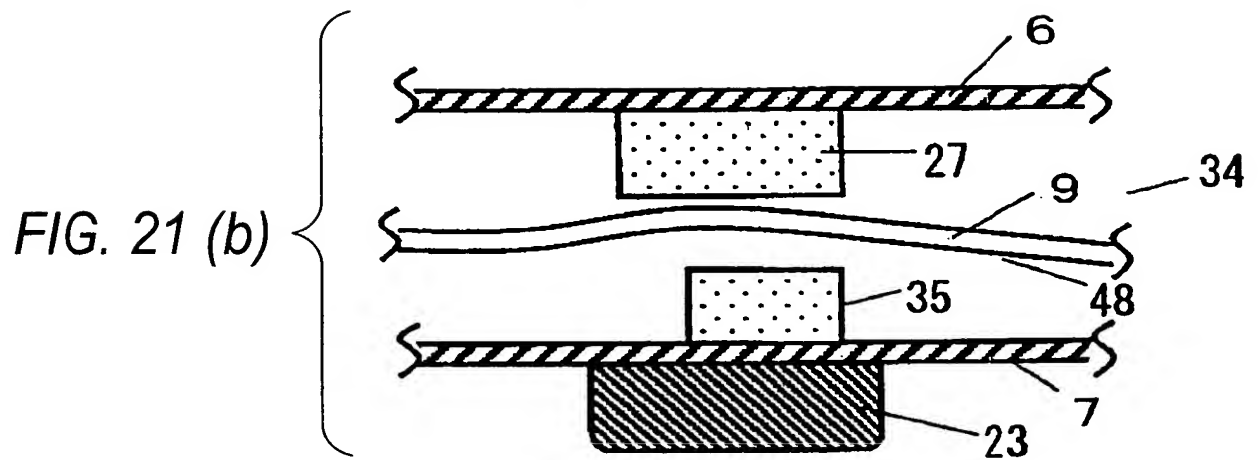
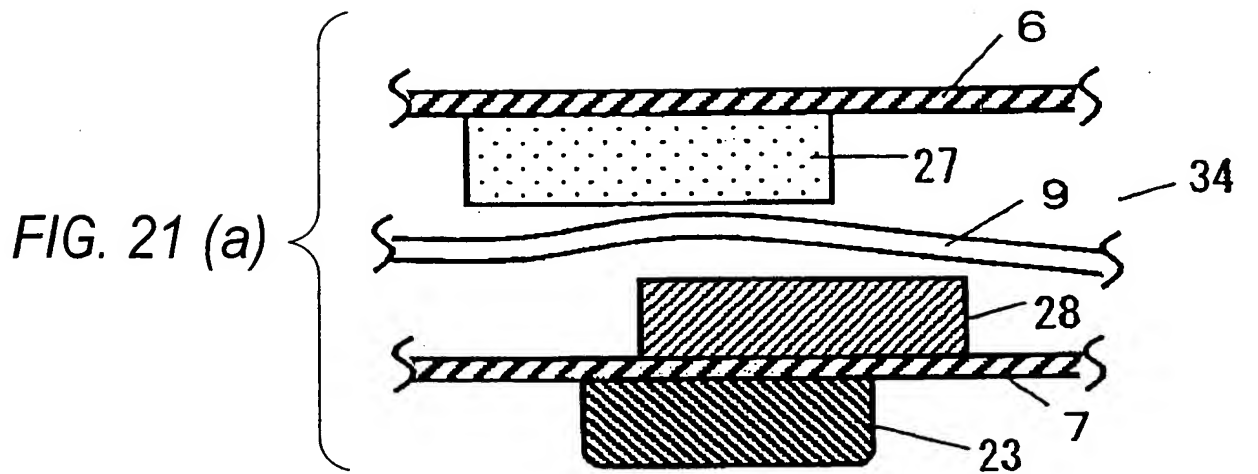
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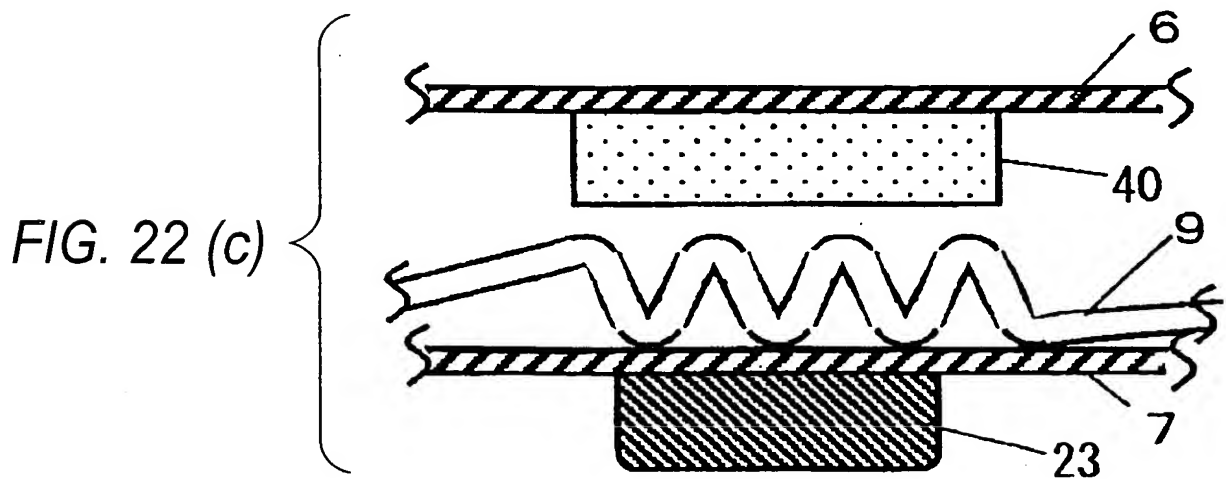
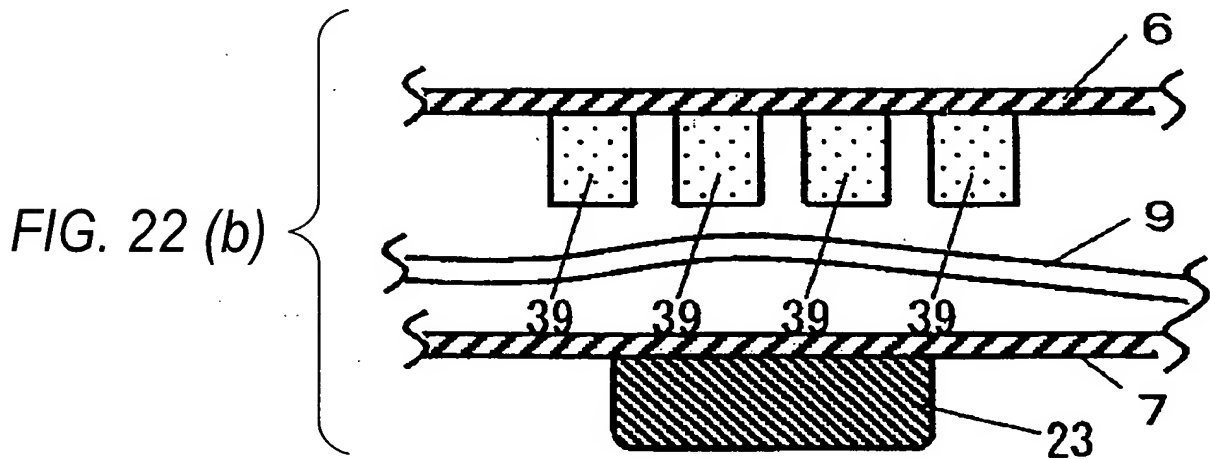
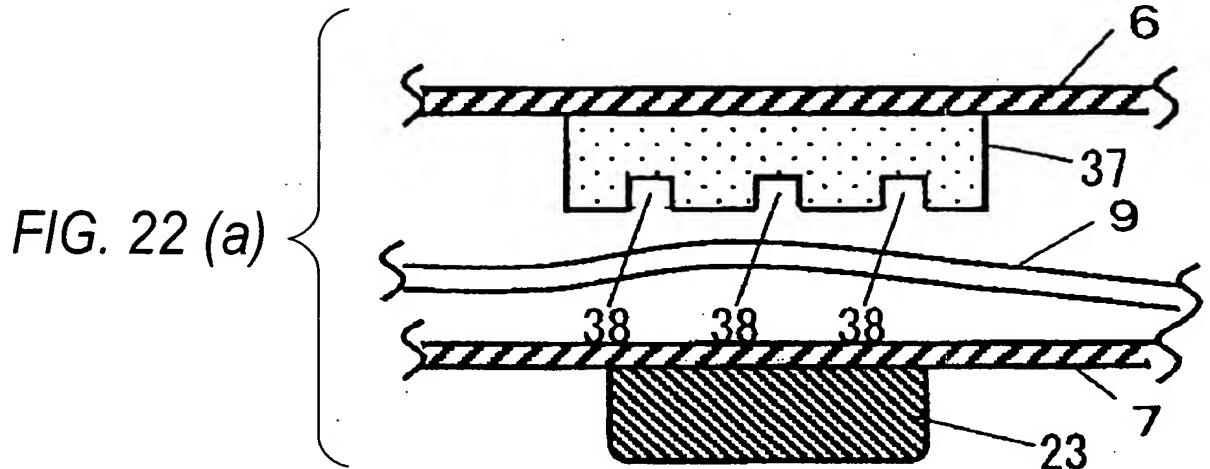
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FIG. 23 (a)

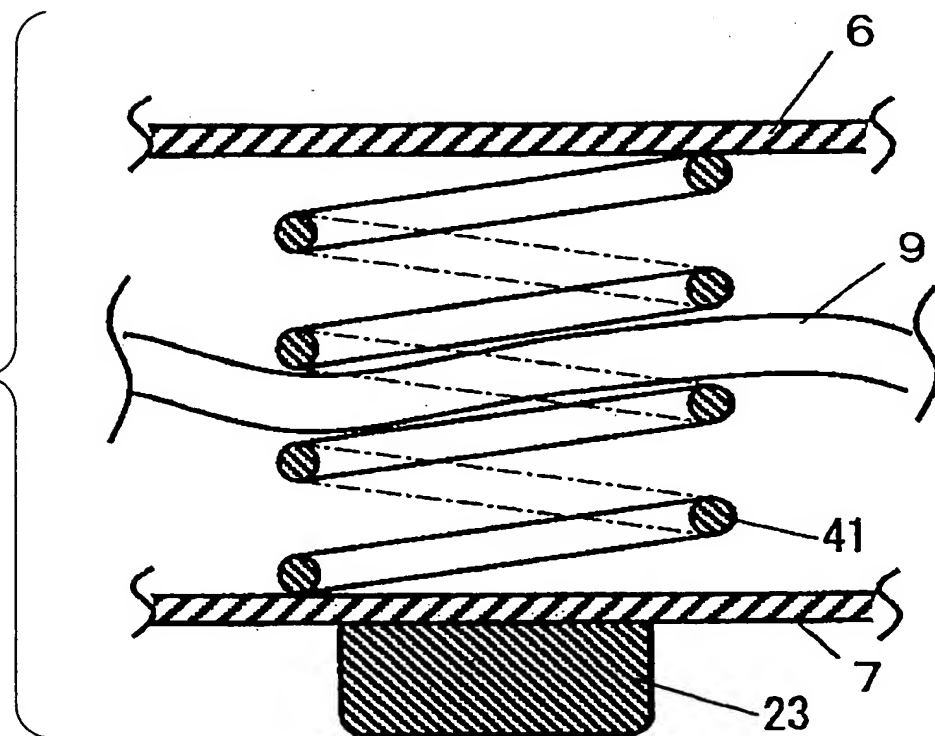
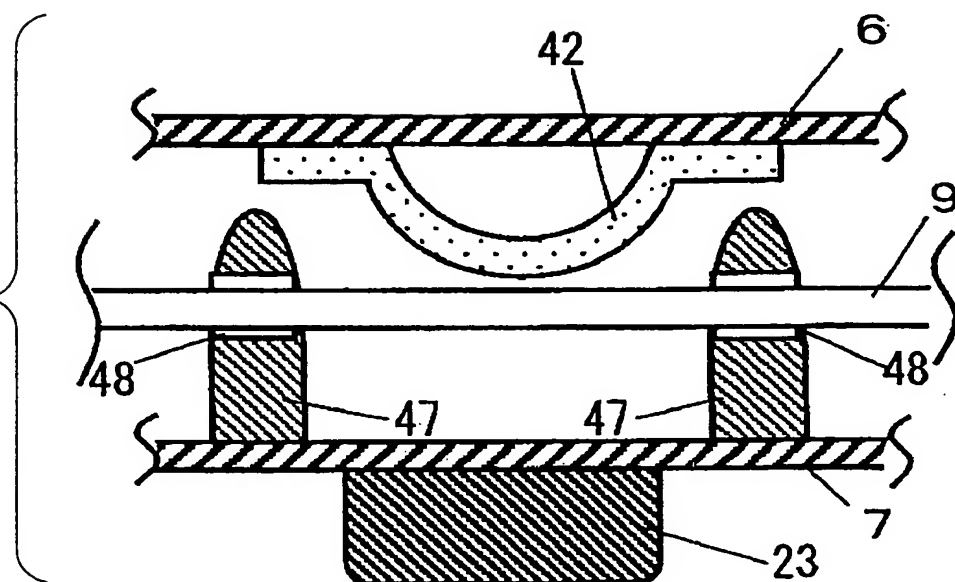
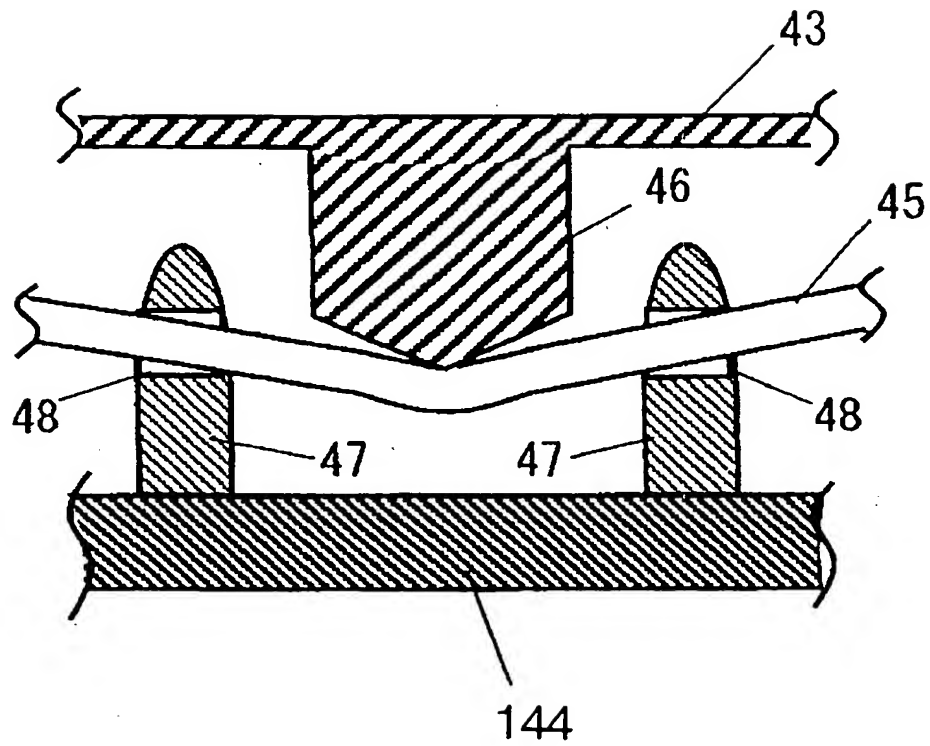


FIG. 23 (b)

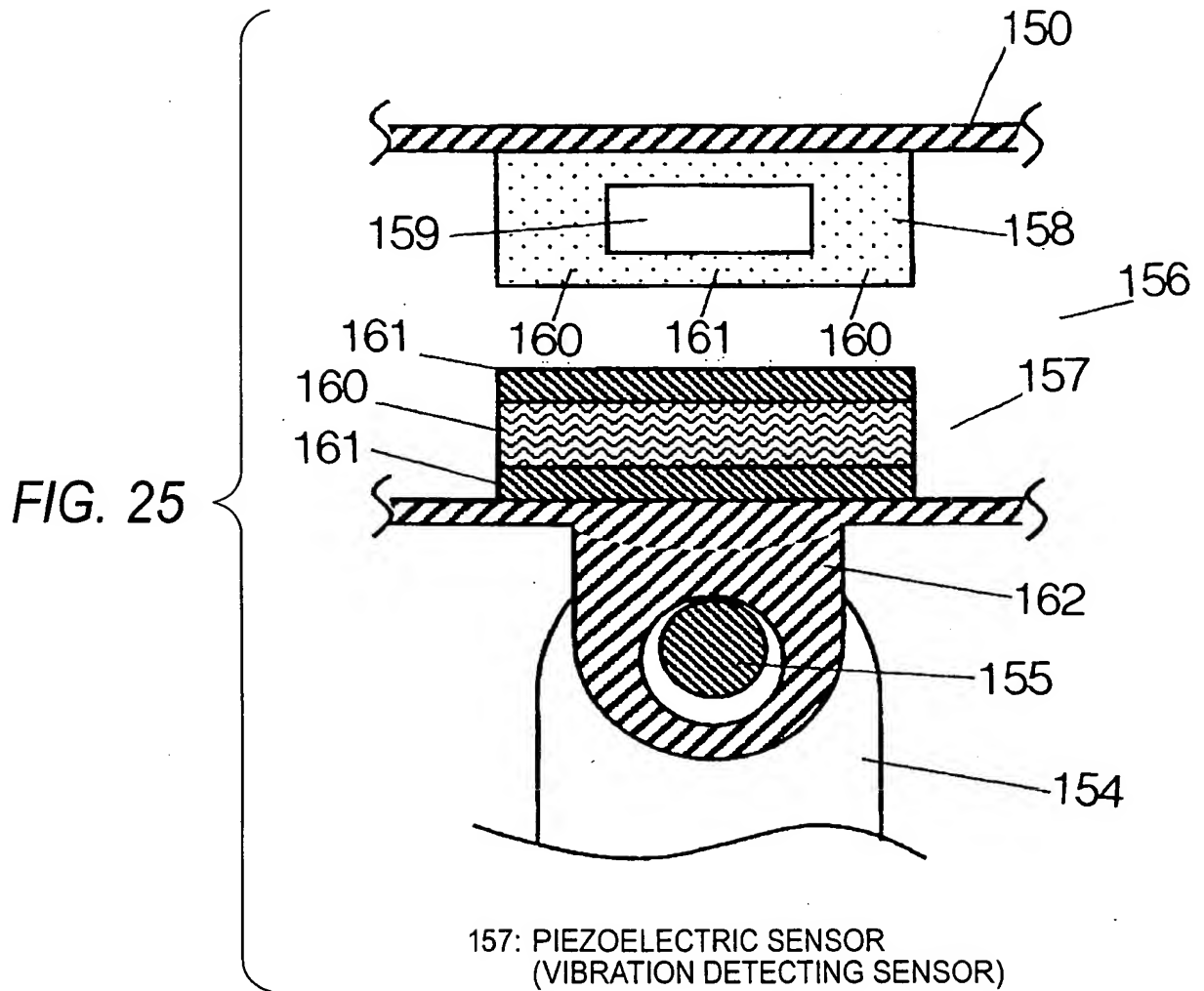


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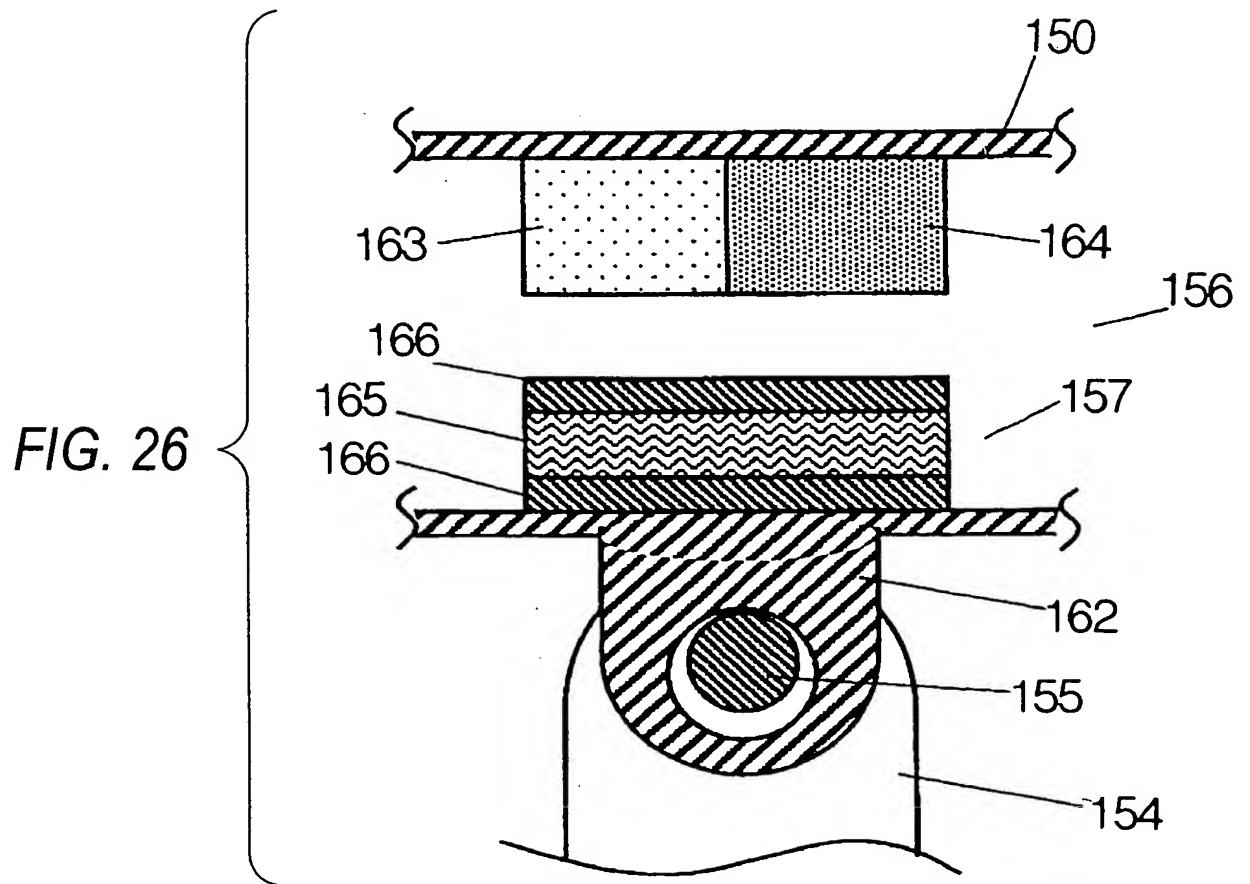
FIG. 24



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FIG. 27 (a)

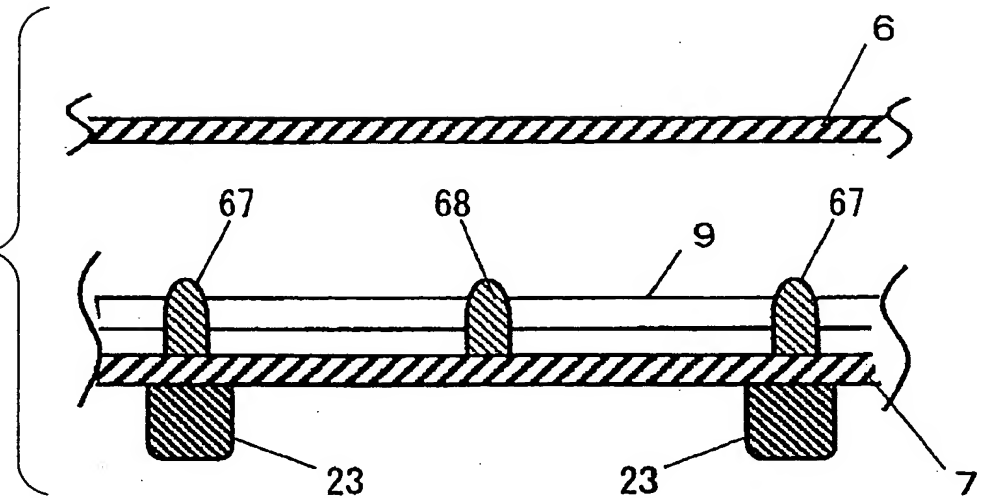
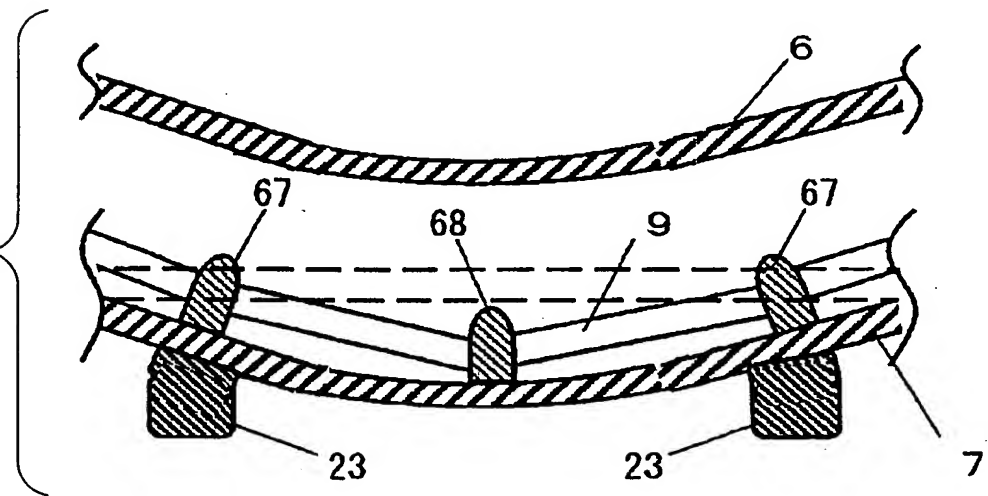


FIG. 27 (b)



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FIG. 28 (a)

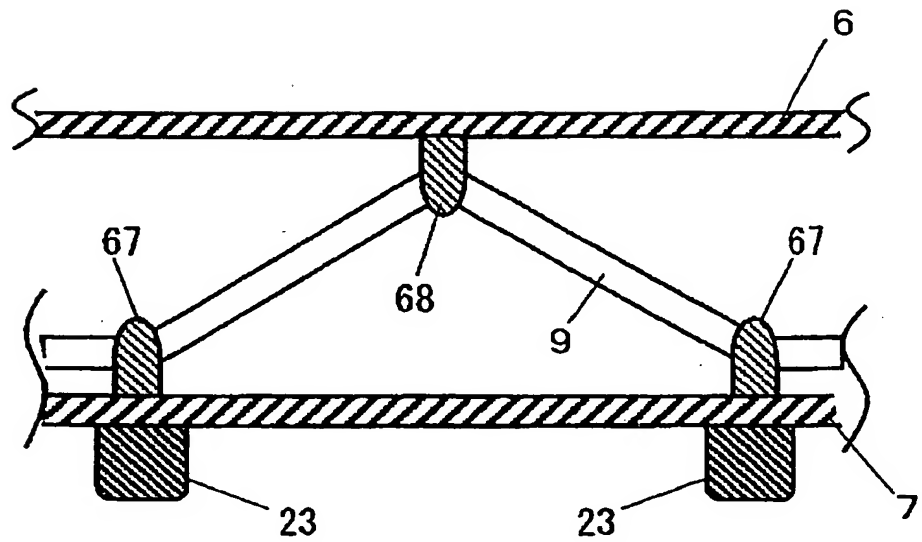
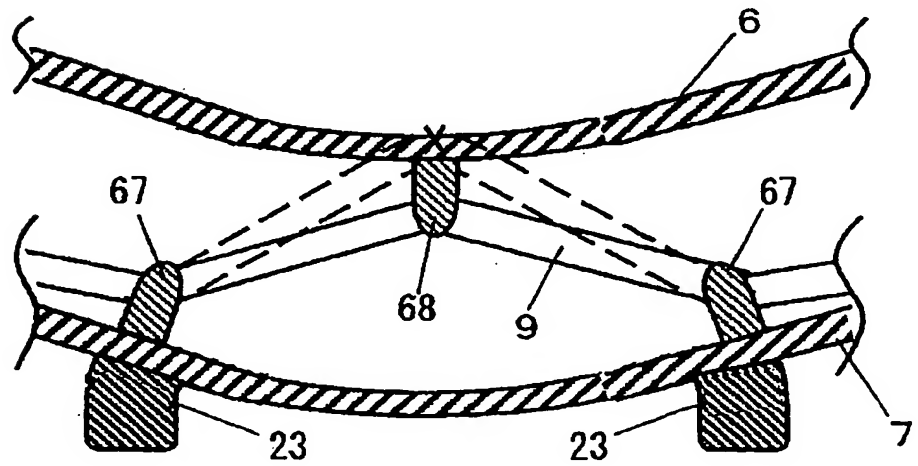
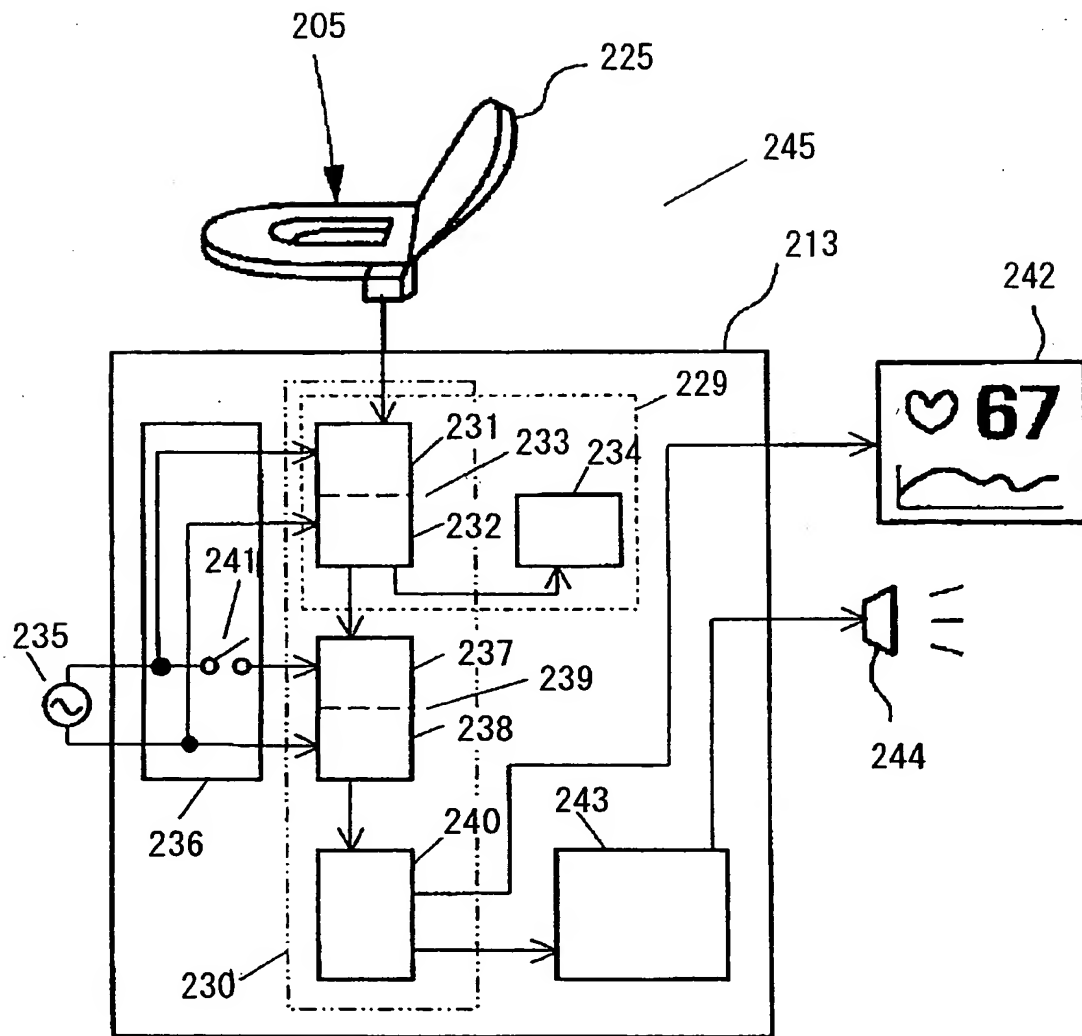


FIG. 28 (b)



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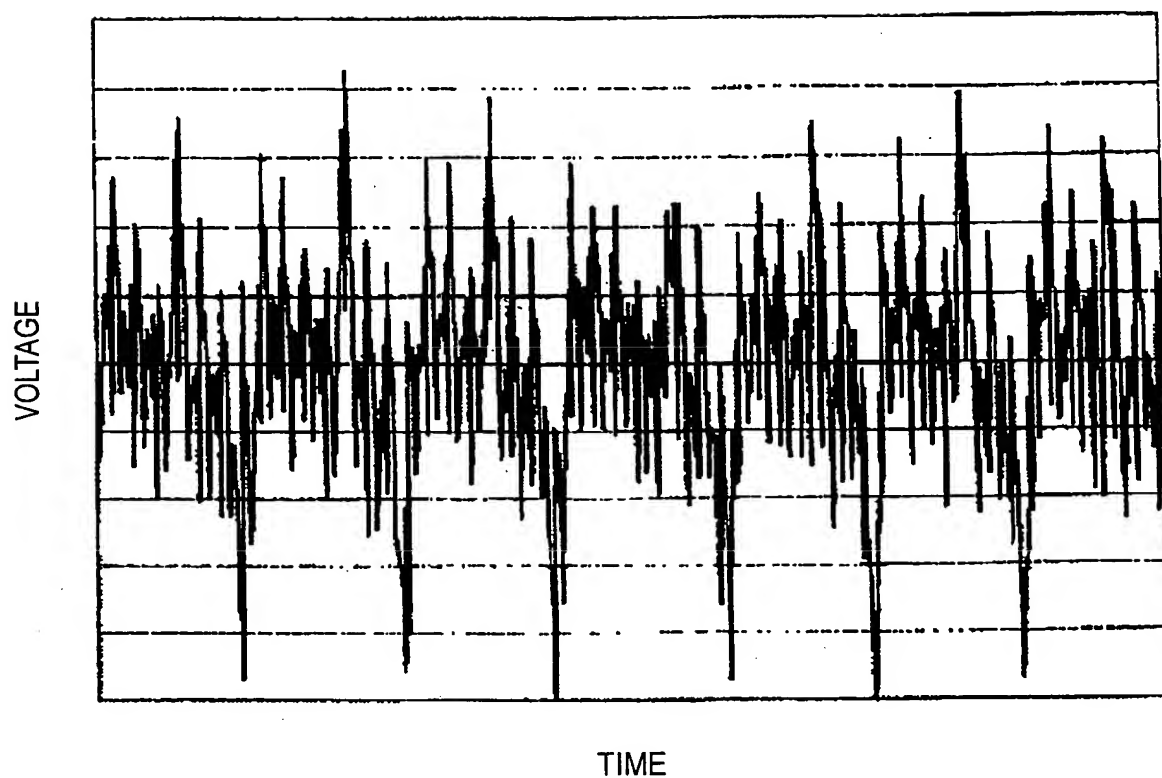
FIG. 29



- 213: CONTROLLING MEANS
 229: FIRST DETERMINING MEANS (DETERMINING MEANS)
 230: SECOND DETERMINING MEANS (DETERMINING MEANS)
 232, 238: AMPLIFYING MEANS
 236: POWER SUPPLYING MEANS
 242: DISPLAYING MEANS
 244: INFORMING MEANS
 245: VIBRATION DETECTING APPARATUS

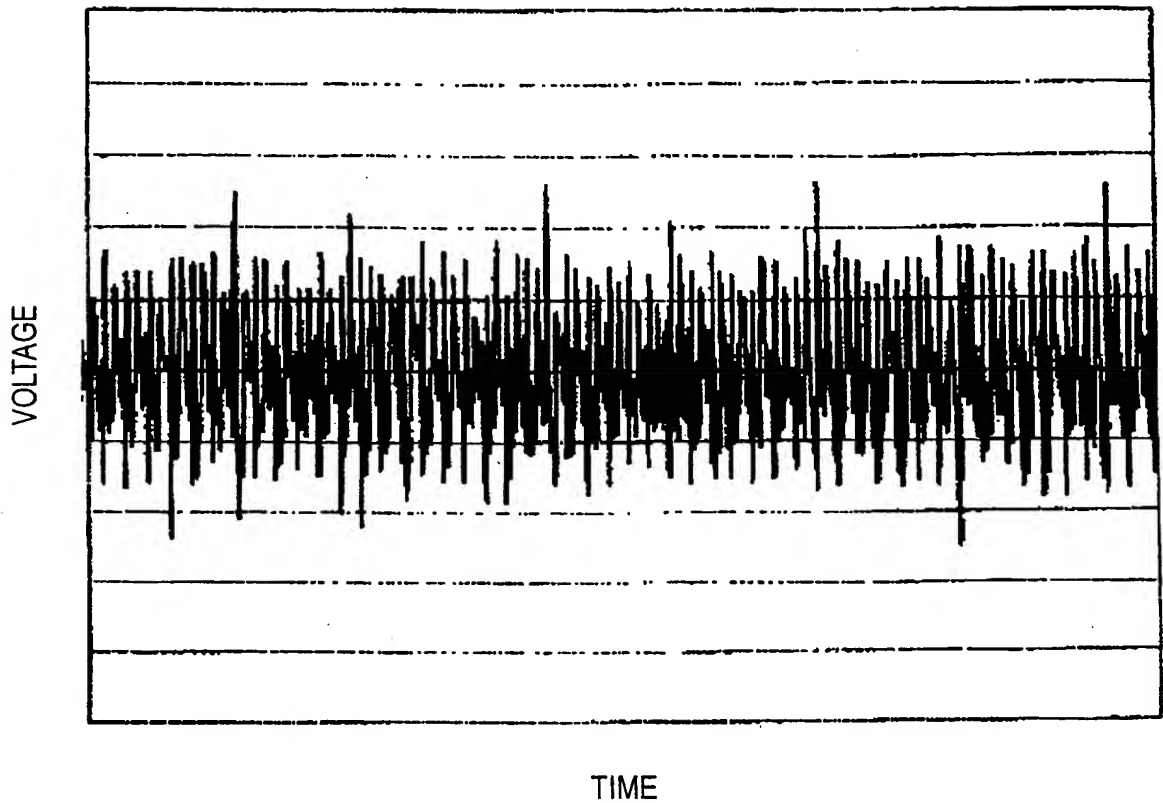
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FIG. 30



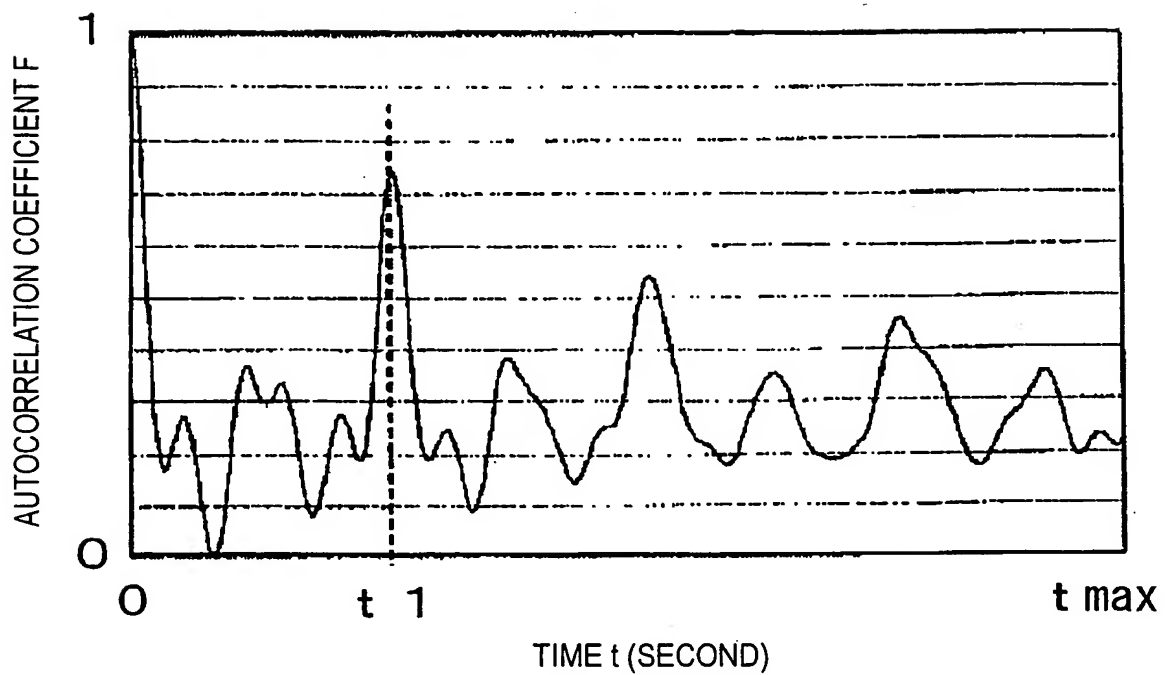
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FIG. 31



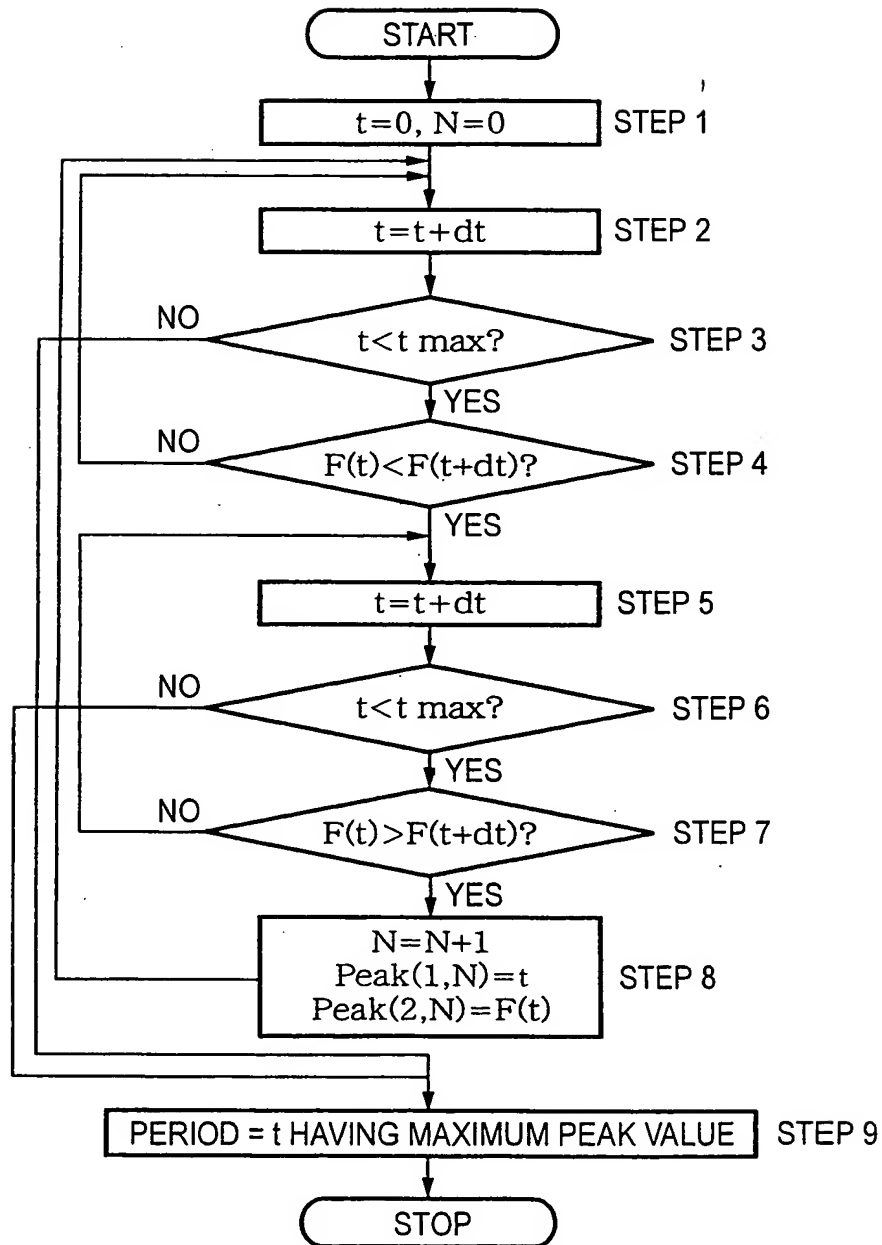
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FIG. 32



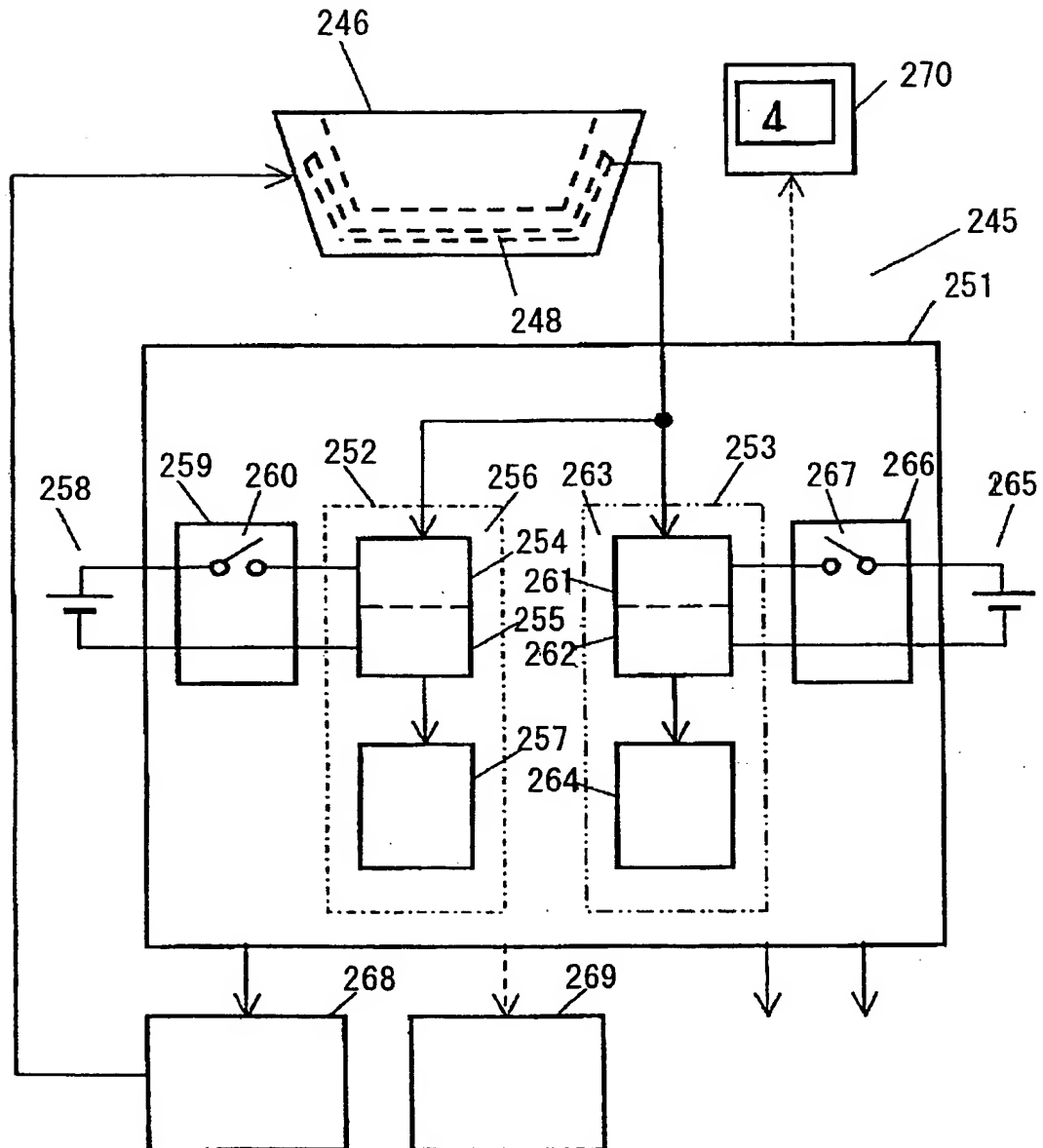
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FIG. 33



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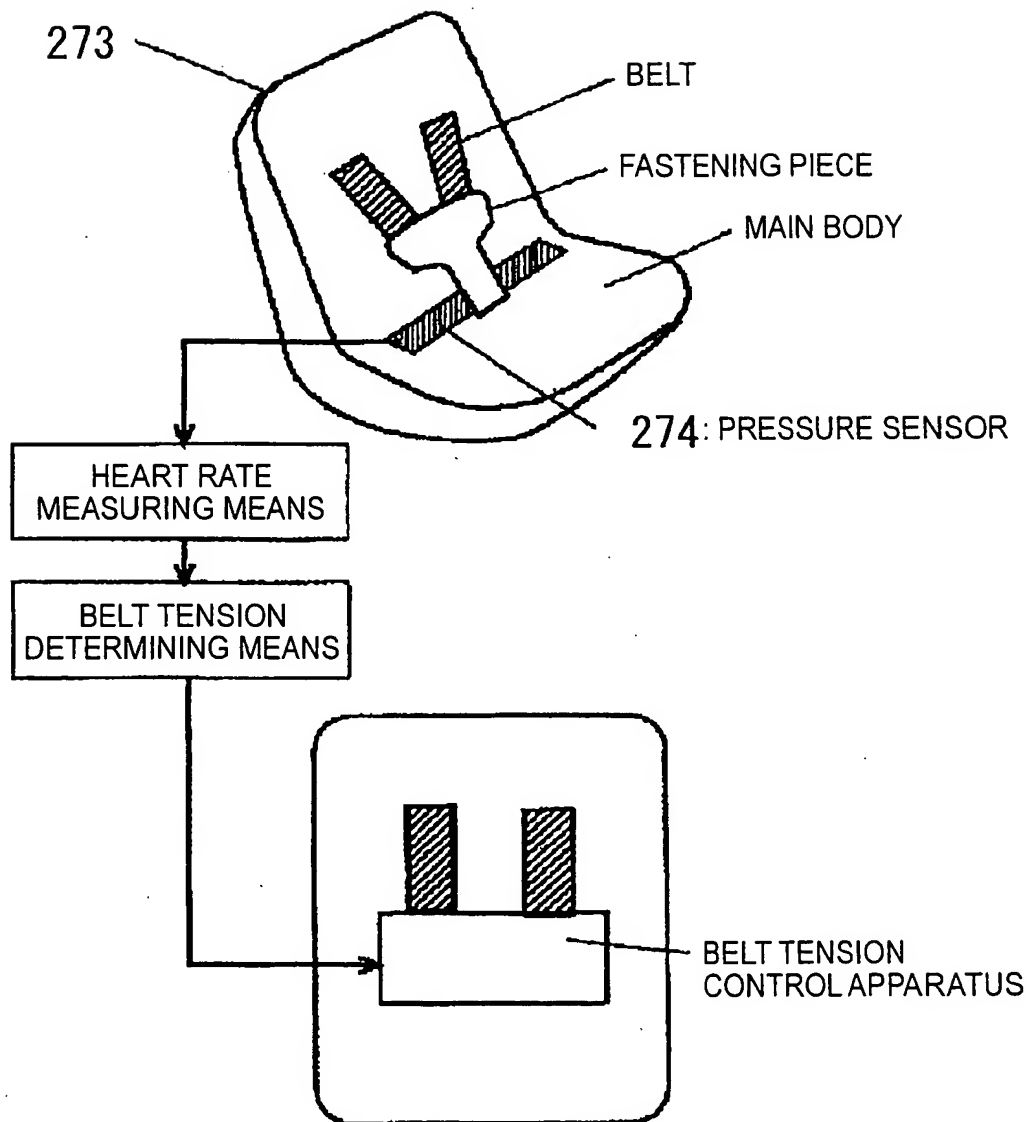
FIG. 34



- 251: CONTROLLING MEANS
 252: FIRST DETERMINING MEANS (DETERMINING MEANS)
 253: SECOND DETERMINING MEANS (DETERMINING MEANS)
 254, 262: AMPLIFYING MEANS
 259, 266: POWER SUPPLYING MEANS
 268: HOT WATER SUPPLY APPARATUS
 (WATER SUPPLYING AND DISCHARGING MEANS)
 269: INFORMING MEANS
 270: DISPLAYING MEANS

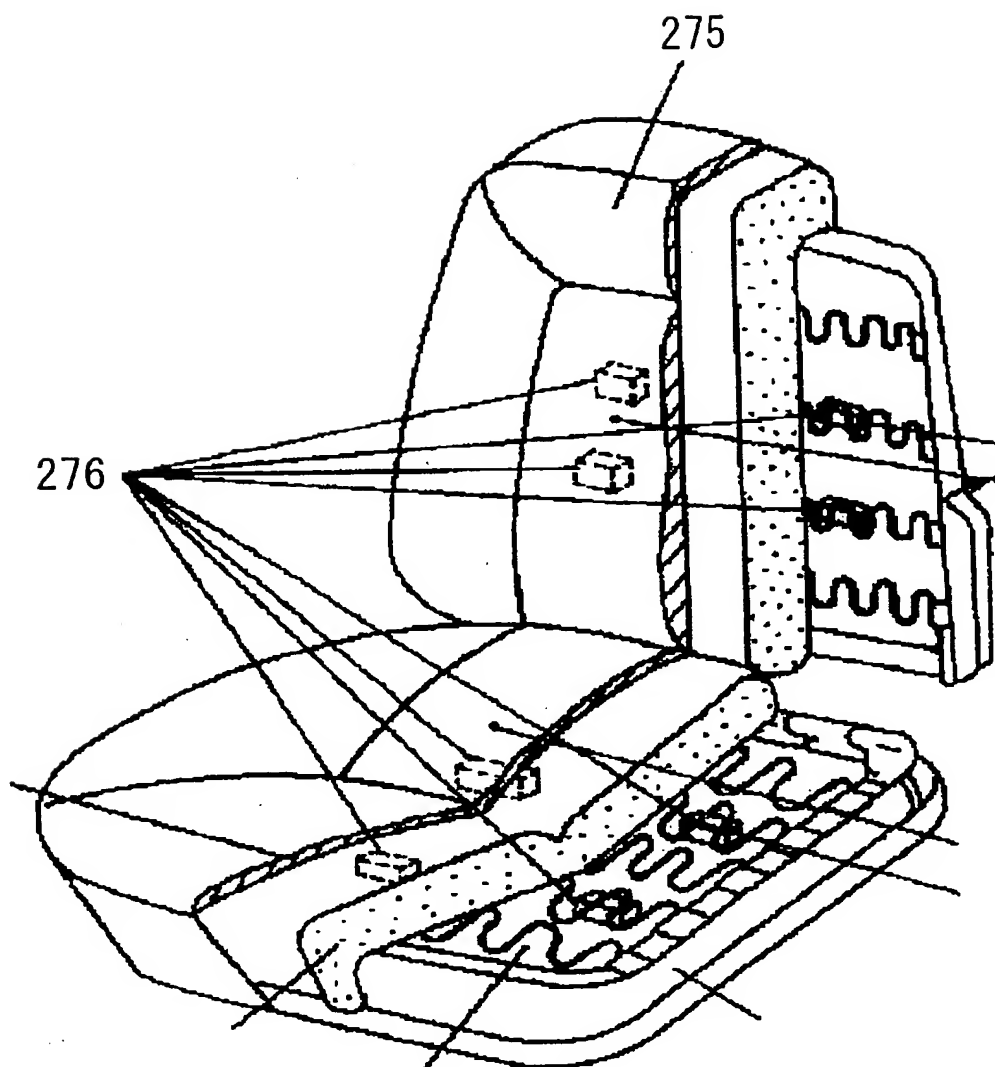
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FIG. 35



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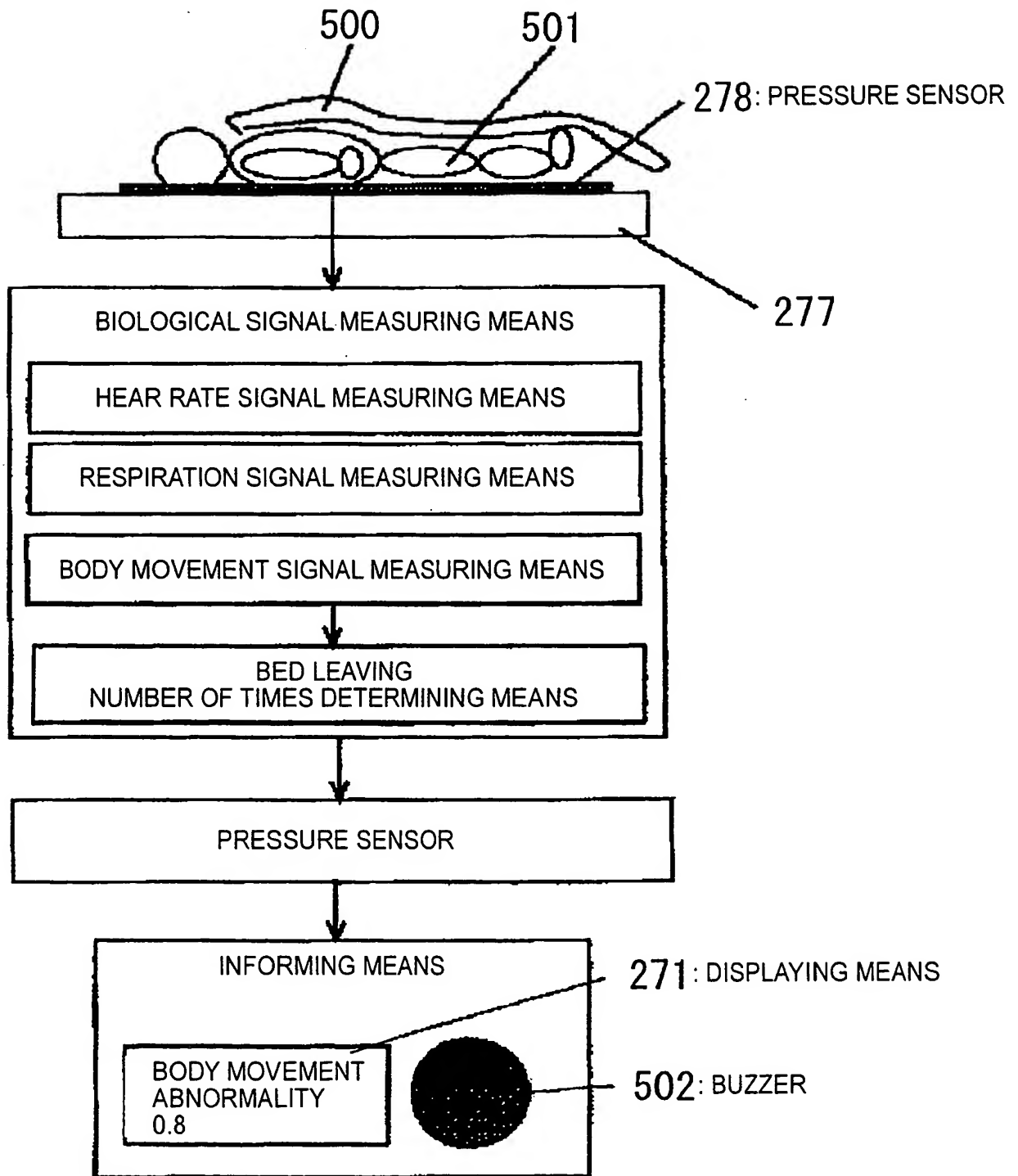
FIG. 36



276: PIEZOELECTRIC SENSOR

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FIG. 37



278: PIEZOELECTRIC SENSOR

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FIG. 38

